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USAFETAC/DS-90/234

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# **SURFACE OBSERVATION CLIMATIC SUMMARIES**

FOR

## **NORTON AFB, CA**

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



## **NOVEMBER 1990**

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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#### PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 80 - DEC 89 (AIRWAYS).

SUMMARY OF DAY DATA: MAY 53 - FEB 90 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
722866	NORTON AFB/SAN BERNARDINO, CA	N 34 06	W 117 14	1157	SBD	

  

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	San Bernardino AAF, CA	AAF	Jan 43	Feb 43	N 34 06	W 117 15	1095	1098	18
2	Same	Same	Mar 43	May 48	Same	Same	Same	Same	24
3	San Bernardino AFB, CA	AFB	Jun 48	Feb 50	Same	Same	Same	Same	24
4	Norton AFB/San Bernardino, CA	Same	Mar 50	Nov 63	Same	Same	1156	Same	24
5	Same	Same	Dec 63	Feb 65	Same	Same	Same	1113	24
6	Same	Same	Mar 65	Jan 76	Same	W 117 14	Same	Same	24
7	Same	Same	Feb 76	Feb 82	Same	Same	Same	1110	24
8	Same	Same	Feb 82	Feb 85	Same	Same	1157	Same	24
9	Same	Same	Feb 85	Jan 89	Same	Same	Same	1112	24

  

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 43	Atop Ops Bldg E end of field	Selsyn	ML-144	40 ft	Removed: unreliable, system not accepted by AWS
2	Jun 48	Atop Ops hangar	Same	Same	105 ft	
3	Mar 54	Atop Ops Bldg	Same	Same	150 ft	
4	Apr 55	Atop control tower	Same	Same	135 ft	
5	Jun 58	S of rwy 05/23	AN/GMQ-11	RO-2	13 ft	
6	Mar 64	1200'fm W end rwy, 500'fm ctrln	Same	Same	Same	
7	Mar 69	Same	AN/GMQ-20	RO-362	Same	
8	Oct 79	1.1200'fm W end rwy 06/24, 500' fm ctrln	AN/GMQ-30	RO-456	13 ft	
		2.1000'fm E end rwy, 500'fm ctr	Same		12 ft	
9	May 80	Same	AN/GMQ-20	RO-362	13 ft	
10	Jan 89	Same	Same	Same	Same	



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).



SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		5.8				5.8	9.7	13.7			29.1	930
03-05		5.4				5.4	12.2	13.0			30.5	930
06-08		4.2				4.2	12.5	12.5			29.1	930
09-11		4.7		.1		4.8	7.2	12.0			24.1	930
12-14	.1	4.8				4.8	2.3	12.9			20.0	930
15-17	.1	5.6				5.6	2.0	15.5			23.1	930
18-20		5.6				5.6	3.1	17.7			26.5	930
21-23	.1	6.3				6.3	7.2	16.0			29.6	930
ALL HOURS	.0	5.3		.0		5.3	7.0	14.2			26.5	7440

MONTH: FEB

00-02		8.7		.6		9.3	14.5	17.7			41.6	846
03-05		7.4				7.4	15.1	14.9			37.5	846
06-08		6.7				6.7	16.3	13.9			37.0	846
09-11	.2	6.9				6.9	10.9	16.5			34.3	846
12-14		7.3				7.3	4.6	17.7			29.7	846
15-17	.2	6.1				6.1	3.7	19.6			29.4	846
18-20	.2	5.6				5.6	3.7	23.6			32.9	846
21-23	.2	6.4				6.4	7.7	21.3			35.3	846
ALL HOURS	.1	6.9		.1		7.0	9.6	18.2			34.7	6768

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		8.1				8.1	20.8	24.5			53.3	930
03-05		7.8				7.8	23.1	21.0			51.9	930
06-08		6.3				6.3	24.6	28.0			58.9	930
09-11	.1	6.1				6.1	10.5	32.9			49.6	930
12-14	.1	6.9				6.9	3.2	29.0			39.1	930
15-17	.5	7.4				7.4	3.1	31.7			42.2	928
18-20	.4	9.6				9.6	4.0	27.8			41.4	927
21-23	.1	8.7				8.7	10.2	22.8			41.7	927
ALL HOURS	.2	7.6				7.6	12.5	27.2			47.3	7432

MONTH: APR

00-02		6.6				6.6	16.1	25.0			47.7	900
03-05		7.6				7.6	22.8	21.0			51.3	900
06-08		5.2				5.2	27.2	28.2			60.7	900
09-11		4.1				4.1	9.0	32.2			45.3	900
12-14	.4	2.6				2.6	.9	31.8			35.2	900
15-17	.3	3.7				3.7	.8	32.0			36.4	900
18-20		2.4				2.4	1.0	27.6			31.0	900
21-23		3.1				3.1	4.7	23.1			30.9	900
ALL HOURS	.1	4.4				4.4	10.3	27.6			42.3	7200

A - 2 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	3.1				3.1	21.2	36.0			60.3	930
03-05		4.3				4.3	37.7	40.9			82.9	930
06-08		4.6				4.6	36.8	50.1			91.5	930
09-11		1.3				1.3	8.8	51.7			61.8	930
12-14	.1	1.0				1.0	1.1	51.8			53.9	930
15-17	.4	.6				.6	.8	41.3			42.7	930
18-20	.1	1.1				1.1	1.6	33.7			36.3	930
21-23	.2	1.6				1.6	5.5	30.0			37.1	930
ALL HOURS	.1	2.2				2.2	14.2	41.9			58.3	7440

MONTH: JUN

00-02		1.9				1.9	21.9	40.6			64.3	900
03-05	.1	3.0				3.0	42.6	48.0			93.6	900
06-08		3.3				3.3	36.3	65.1			100.0	900
09-11		.9				.9	7.3	68.2			76.4	900
12-14		.3				.3	.4	64.8		.1	65.7	900
15-17		.3				.3		47.8			48.1	900
18-20		.2				.2		38.8			39.0	900
21-23		.7				.7	4.3	33.2			38.2	900
ALL HOURS	.0	1.3				1.3	14.1	50.8		.0	66.3	7200

A - 2 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		.4				.4	6.9	23.5			30.9	930
03-05		.8				.8	21.6	35.9			58.3	930
06-08	.2	.3				.3	20.2	56.3			76.9	930
09-11	.1	.4				.4	1.1	53.0			54.5	930
12-14	1.0	1.2				1.2		42.2			43.3	930
15-17	.6	.8				.8		23.7			24.4	930
18-20	.2	.3				.3		16.7			17.0	930
21-23		.2				.2	1.0	15.4			16.6	930
ALL HOURS	.3	.6				.6	6.3	33.3			40.2	7440

MONTH: AUG

00-02	.2	.6				.6	8.2	27.3			36.1	930
03-05		1.8				1.8	22.0	34.5			58.4	930
06-08	.1	1.7				1.7	20.8	57.1			79.6	930
09-11		1.5				1.5	3.3	54.2			59.0	930
12-14	.1	1.1				1.1	.5	43.7			45.3	930
15-17	.5	1.8				1.8	.9	27.1			29.8	930
18-20	.1	1.2				1.2	.9	19.1		.1	21.3	930
21-23	.1	1.0				1.0	1.4	19.7			22.0	930
ALL HOURS	.1	1.3				1.3	7.2	35.3		.0	43.9	7440

A - 2 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	1.9				1.9	14.6	33.2			49.7	900
03-05		2.3				2.3	22.3	32.2			56.9	900
06-08	.1	2.0				2.0	21.2	37.2			60.4	900
09-11	.1	2.0				2.0	6.0	40.2			48.2	900
12-14	.8	2.2				2.2	.4	37.1			39.8	900
15-17	.6	2.3				2.3	.7	31.7			34.7	900
18-20	.3	1.0				1.0	.3	32.1			33.4	900
21-23	.1	1.6				1.6	4.4	30.3			36.3	900
ALL HOURS	.3	1.9				1.9	8.8	34.3			44.9	7200

MONTH: OCT

00-02	.2	2.7				2.7	30.0	35.9			68.6	930
03-05	.3	4.8				4.8	32.2	29.7			66.7	930
06-08		3.1				3.1	29.0	31.0			63.1	930
09-11		1.6				1.6	10.4	35.8			47.8	930
12-14		1.9				1.9	1.4	35.6			38.9	930
15-17	.1	2.3				2.3	1.3	40.2			43.8	930
18-20	.5	2.6				2.6	4.3	37.7			44.6	930
21-23	.2	1.6				1.6	15.1	38.1			54.7	930
ALL HOURS	.2	2.6				2.6	15.5	35.5			53.5	7440

A - 2 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	4.3			.1	4.4	17.7	25.6			47.7	900
03-05		6.8				6.8	19.8	21.0			47.6	900
06-08		5.6		.1		5.7	19.0	19.9			44.6	900
09-11		3.3				3.3	8.1	24.7			36.1	900
12-14		2.9				2.9	3.2	26.2			32.3	900
15-17	.2	3.7				3.7	1.9	29.2			34.8	900
18-20	.6	3.4				3.4	4.0	28.8			36.2	900
21-23	.1	5.2				5.2	13.4	27.6			46.2	900
ALL HOURS	.2	4.4		.0	.0	4.4	10.9	25.4			40.7	7200

MONTH: DEC

00-02		5.5				5.5	11.2	15.4			32.0	930
03-05		4.4				4.4	10.3	11.3			26.0	930
06-08	.1	4.7				4.7	10.8	10.0			25.5	930
09-11		4.8				4.8	6.1	11.6			22.6	930
12-14		4.6				4.6	2.6	12.9			20.1	930
15-17	.1	5.5				5.5	2.7	16.2			24.4	930
18-20	.2	6.5			.1	6.6	4.4	16.7			27.6	930
21-23		7.0				7.0	8.7	15.7			31.4	930
ALL HOURS	.1	5.4			.0	5.4	7.1	13.7			26.2	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	5.3		.0		5.3	7.0	14.2			26.5	7440
FEB	.1	6.9		.1		7.0	9.6	18.2			34.7	6768
MAR	.2	7.6				7.6	12.5	27.2			47.3	7432
APR	.1	4.4				4.4	10.3	27.6			42.3	7200
MAY	.1	2.2				2.2	14.2	41.9			58.3	7440
JUN	.0	1.3				1.3	14.1	50.8		.0	66.3	7200
JUL	.3	.6				.6	6.3	33.3			40.2	7440
AUG	.1	1.3				1.3	7.2	35.3		.0	43.9	7440
SEP	.3	1.9				1.9	8.8	34.3			44.9	7200
OCT	.2	2.6				2.6	15.5	35.5			53.5	7440
NOV	.2	4.4		.0	.0	4.4	10.9	25.4			40.7	7200
DEC	.1	5.4			.0	5.4	7.1	13.7			26.2	7440
ANNUAL	.1	3.6		.0	.0	3.7	10.3	29.8		.0	43.8	87640

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	1.5	24.0		.9	.4	24.1	27.3	43.4	.1		57.8	1409
FEB	1.9	26.4		.7	.8	26.4	33.8	52.4			65.5	1297
MAR	3.2	29.1		.4	.7	29.1	42.4	62.3			77.0	1420
APR	1.9	26.1		.1	.4	26.1	40.1	68.5			78.9	1335
MAY	1.1	20.8			.1	20.8	47.2	80.0			86.1	1372
JUN	1.0	14.9				14.9	47.6	89.4			91.5	1335
JUL	3.3	7.4				7.4	27.4	85.5			86.6	1372
AUG	4.1	8.3				8.3	31.5	86.3			88.0	1369
SEP	3.0	13.2			.1	13.2	35.1	79.9			83.8	1336
OCT	2.6	14.9		.1	.3	14.9	40.5	73.9			78.3	1378
NOV	1.5	19.3		.2	.2	19.4	28.2	50.6			59.8	1339
DEC	1.6	21.3		.3	.4	21.5	23.2	39.7			53.4	1392
ANNUAL	2.2	18.8		.2	.3	18.9	35.3	67.6	.0		75.5	16354

A - 3 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02					.2			.2	.2	.2	.3	
03-05						.1				.3		
06-08							.2	.1	.1			.1
09-11		.2	.1				.1		.1			
12-14	.1		.1	.4	.1		1.0	.1	.8			
15-17	.1	.2	.5	.3	.4		.6	.5	.6	.1	.2	.1
18-20		.2	.4		.1		.2	.1	.3	.5	.6	.2
21-23	.1	.2	.1		.2			.1	.1	.2	.1	
ALL HOURS	.0	.1	.2	.1	.1	.0	.3	.1	.3	.2	.2	.1
TOTAL OBS	7440	6768	7432	7200	7440	7200	7440	7440	7200	7440	7200	7440

A - 4 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 050	051 - 120	121 - 190	191 - 290	NO OF OBS
TSTMS	33.3			33.3		33.3	3
LIQUID PRECIP	28.8		14.0	25.3	16.8	15.1	392
FREEZING PRECIP							
FROZEN PRECIP			100.0				1
FOG	61.6		7.4	17.5	4.4	9.1	406
FOG WITH VIS GE 1/2 MILES	60.6		8.3	18.1	5.2	7.8	348
TOTAL OBS	3036	0	1496	1373	501	1034	7440

MONTH: FEB HOURS: ALL

TSTMS			25.0	37.5	12.5	25.0	8
LIQUID PRECIP	37.8		12.0	21.2	15.0	14.1	468
FREEZING PRECIP							
FROZEN PRECIP	40.0		60.0				5
FOG	59.4		7.5	12.0	6.1	15.0	508
FOG WITH VIS GE 1/2 MILES	60.0		7.3	12.1	6.3	14.3	495
TOTAL OBS	2798	0	1118	973	429	1450	6768

A - 5 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 050	051 - 120	121 - 190	191 - 290	NO OF OBS
TSTMS	8.3		33.3	33.3	16.7	8.3	12
LIQUID PRECIP	29.3		11.1	20.9	15.8	22.8	569
FREEZING PRECIP							
FROZEN PRECIP			100.0				1
FOG	60.8		4.5	9.1	4.5	21.1	684
FOG WITH VIS GE 1/2 MILES	60.4		4.6	9.3	4.6	21.1	654
TOTAL OBS	3080	0	819	804	442	2287	7432

MONTH: APR HOURS: ALL

TSTMS			28.6	28.6	14.3	28.6	7
LIQUID PRECIP	30.6		12.4	21.3	8.6	27.1	314
FREEZING PRECIP							
FROZEN PRECIP							
FOG	60.0		5.5	5.3	2.9	26.4	512
FOG WITH VIS GE 1/2 MILES	58.1		5.8	5.6	3.1	27.5	484
TOTAL OBS	2738	0	728	615	391	2728	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 050	051 - 120	121 - 190	191 - 290	NO OF OBS
TSTMS	10.0		20.0	20.0	10.0	40.0	10
LIQUID PRECIP	34.4		6.3	3.8	3.8	51.9	160
FREEZING PRECIP							
FROZEN PRECIP							
FOG	58.5		1.6	2.6	2.6	34.8	768
FOG WITH VIS GE 1/2 MILES	58.2		1.6	2.6	2.6	34.9	759
TOTAL OBS	2657	0	475	265	204	3839	7440

MONTH: JUN HOURS: ALL

TSTMS	100.0						1
LIQUID PRECIP	28.4		8.4		2.1	61.1	95
FREEZING PRECIP							
FROZEN PRECIP							
FOG	65.4		1.8	1.5	2.6	28.7	682
FOG WITH VIS GE 1/2 MILES	65.3		1.8	1.5	2.6	28.8	680
TOTAL OBS	2534	0	443	185	217	3820	7199

A - 5 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENT. . FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 050	051 - 120	121 - 190	191 - 290	NO OF OBS
TSTMS	10.0			25.0	10.0	55.0	20
LIQUID PRECIP	31.3		9.4	12.5	6.3	40.6	32
FREEZING PRECIP							
FROZEN PRECIP							
FOG	85.5		1.6	.3	.3	12.3	318
FOG WITH VIS GE 1/2 MILES	85.5		1.6	.3	.3	12.3	318
TOTAL OBS	3203	0	378	106	94	3659	7440

MONTH: AUG HOURS: ALL

TSTMS	18.2		45.5	9.1		27.3	11
LIQUID PRECIP	52.7		4.3	7.5	3.2	32.3	93
FREEZING PRECIP							
FROZEN PRECIP							
FOG	75.6		1.9	1.3	1.6	19.6	316
FOG WITH VIS GE 1/2 MILES	75.6		1.9	1.3	1.6	19.6	316
TOTAL OBS	3428	0	385	101	69	3457	7440

A - 5 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 050	051 - 120	121 - 190	191 - 290	NO OF OBS
TSTMS			30.0	10.0	10.0	50.0	20
LIQUID PRECIP	21.4		6.1	23.7	14.5	34.4	131
FREEZING PRECIP							
FROZEN PRECIP							
FOG	72.0		3.4	4.6	2.1	17.9	436
FOG WITH VIS GE 1/2 MILES	71.7		3.5	4.7	2.1	18.0	427
TOTAL OBS	3206	0	500	374	231	2889	0 7200

MONTH: OCT HOURS: ALL

TSTMS	30.8		15.4	7.7	7.7	38.5	13
LIQUID PRECIP	48.7		10.6	11.1	7.4	22.2	189
FREEZING PRECIP							
FROZEN PRECIP							
FOG	77.3		3.7	4.8	1.9	12.2	908
FOG WITH VIS GE 1/2 MILES	76.3		4.1	5.0	1.6	13.0	832
TOTAL OBS	3585	0	784	642	264	2165	0 7440

A - 5 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 050	051 - 120	121 - 190	191 - 290	NO OF OBS
TSIMS			45.5	36.4	9.1	9.1	11
LIQUID PRECIP	33.9		13.1	27.2	13.7	12.1	313
FREEZING PRECIP							
FROZEN PRECIP				100.0			1
FOG	66.4		6.3	15.4	3.0	8.9	559
FOG WITH VIS GE 1/2 MILES	65.5		6.3	16.1	2.9	9.2	521
TOTAL OBS	3353	0	1089	1021	397	1340	0 7200

MONTH: DEC HOURS: ALL

TSIMS	40.0		40.0		20.0		5
LIQUID PRECIP	41.4		16.7	15.3	13.8	12.8	406
FREEZING PRECIP							
FROZEN PRECIP							
FOG	59.8		11.8	13.5	7.5	7.5	415
FOG WITH VIS GE 1/2 MILES	59.6		11.9	13.2	7.7	7.7	403
TOTAL OBS	3317	0	1440	1318	445	920	0 7440

A - 5 - 6



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	291 - 050	051 - 120	121 - 190	191 - 290	NO OF OBS
STMS	11.6		24.8	20.7	9.9	33.1	121
LIQUID PRECIP	34.4		11.9	19.0	12.6	22.2	3162
FREEZING PRECIP							
FROZEN PRECIP	25.0		62.5	12.5			8
FOG	66.3		4.5	7.1	3.3	18.8	6512
FOG WITH VIS GE 1/2 MILES	65.8		4.6	7.1	3.3	19.2	6237
TOTAL OBS	36935	0	9655	7777	3684	29588	0 87639

A - 5 - 7



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

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## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	76.0	72.7	69.5	73.0	78.7	85.0	92.5	92.0	86.9	84.5	80.5	77.9	80.8
TRACE	5.4	7.8	9.4	12.2	13.7	11.5	5.3	5.4	8.4	8.3	6.9	5.9	8.3
.01	1.4	1.7	1.4	1.8	.8	1.3	.6	.3	.2	.8	1.1	1.4	1.1
.02-.05	2.3	3.5	3.2	2.5	2.7	1.2	.8	.8	1.6	1.4	1.8	3.0	2.0
.06-.10	2.3	1.2	2.4	2.8	1.4	.4	.3	.6	.7	1.3	1.1	1.6	1.3
.11-.25	3.2	4.0	5.1	2.8	1.4	.5	.4	.5	.8	1.8	1.9	3.2	2.1
.26-.50	3.5	3.2	4.3	2.9	.9	.1	.1	.3	.7	1.0	3.4	2.8	1.9
.51-1.00	3.9	3.6	3.8	1.4	.4			.1	.4	.6	2.2	2.8	1.6
1.01-2.50	1.9	2.3	.9	.7	.1			.1	.1	.3	.9	1.4	.7
2.51-5.00	.1								.1		.1	.1	.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	18.7	19.6	21.1	14.9	7.7	3.5	2.3	2.7	4.7	7.2	12.6	16.2	10.9
TOTAL NO. OF OBSERVATIONS	1457	1328	1457	1380	1457	1410	1457	1457	1409	1457	1410	1457	17136

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					TRACE	.09	.00	.00	TRACE	.98	.09	5.31	6.47*
44	.89	5.83	1.51	1.30	.01	.03	TRACE	.00	TRACE	TRACE	4.71	1.44	15.72
45	.57	2.05	3.68	.40	.08	.01	.01	.98	TRACE	.16	.09	3.86	11.89
46	.10	.95	1.86	.42	.03	.00	.35	TRACE	.53	1.16	5.29	2.90	13.59
47	.26	.37	1.00	.50	.15	TRACE	.00	TRACE	TRACE	.04	TRACE	.88	3.20
48	.06	1.92	1.56	1.48	1.22	.65	TRACE	.00	TRACE	.84	TRACE	1.74	9.47
49	3.59	1.91	.97	.06	.73	TRACE	.00	.00	TRACE	.06	1.69	1.33	10.34
50	1.76	2.29	.81	.76	.17	.03	TRACE	.00	TRACE	.02	1.32	TRACE	7.16
51	2.22	.41	.61	1.04	.97	TRACE	.03	.10	.19	.97	1.12	6.25	13.91
52	5.23	.37	4.72	2.57	TRACE	TRACE	.01	TRACE	.58	TRACE	3.21	2.75	19.44
53	1.42	.44	1.22	1.61	.27	TRACE	TRACE	TRACE	TRACE	TRACE	.59	.35	5.90
54	5.75	2.38	4.09	.17	.01	.03	.18	.03	TRACE	.00	2.11	.80	15.55
55	3.89	1.37	.33	1.01	.79	.02	TRACE	.05	TRACE	TRACE	1.10	1.17	9.73
56	5.78	.29	TRACE	1.31	.38	.00	.34	TRACE	.00	.37	.00	.41	8.88
57	5.43	1.30	.80	1.84	2.01	.08	TRACE	TRACE	TRACE	2.07	.38	2.90	16.81
58	1.33	5.02	4.68	3.49	.34	TRACE	.00	.17	.99	.24	.14	.00	16.40
59	.82	3.12	TRACE	.10	.23	TRACE	TRACE	.01	.83	TRACE	.67	2.62	8.40
60	2.14	2.69	.45	1.10	.35	TRACE	TRACE	.00	.89	.36	1.28	.21	9.47
61	.75	TRACE	1.38	.15	.16	TRACE	TRACE	.35	TRACE	TRACE	1.23	1.79	5.81
62	1.95	4.90	1.71	.03	.54	.03	TRACE	.00	TRACE	.13	.01	TRACE	9.30
63	.71	2.47	1.62	2.15	TRACE	.43	.00	.22	3.85	1.83	2.69	.17	16.14
64	1.47	.26	2.30	1.16	.32	.17	.08	TRACE	.09	.20	2.10	1.08	9.23
65	.55	.46	1.71	4.79	.14	.11	TRACE	.12	.48	TRACE	8.01	3.10	19.47
66	.85	1.60	.51	.15	.08	TRACE	TRACE	TRACE	.09	.35	.82	7.75	12.20
67	3.02	.00	1.26	3.96	.28	.25	TRACE	.34	.07	TRACE	2.75	1.60	13.53
68	1.01	.32	1.94	1.11	.35	.03	.42	.07	TRACE	.15	.37	.93	6.70
69	11.23	10.46	.97	1.11	1.13	.14	.14	TRACE	.26	.06	1.46	.04	27.00
70	1.05	1.60	2.99	.12	TRACE	.03	.06	.20	.00	.01	2.97	3.29	12.32
71	.75	.48	.66	.69	.69	TRACE	.02	TRACE	TRACE	1.04	.24	4.29	8.86
72	.00	.02	TRACE	.10	.12	.27	.00	.25	.18	1.78	2.86	1.44	7.02
73	2.42	5.45	3.53	.03	.04	.01	TRACE	TRACE	TRACE	.05	1.36	.12	13.01
74	5.38	.32	2.86	.81	.02	TRACE	.01	TRACE	.04	.51	.11	2.61	12.67
75	.30	1.82	3.35	1.34	.33	.20	TRACE	.00	.04	.72	.85	.86	9.81

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA

PERIOD OF RECORD: 4305-9003

LST TO UTC: +08

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.00	4.17	1.23	1.53	.29	.24	.06	TRACE	3.86	.65	.38	.63	13.04
77	1.49	.32	1.37	TRACE	2.52	TRACE	.00	2.24	TRACE	.06	TRACE	3.60	11.60
78	5.86	5.52	8.11	1.96	.06	TRACE	.00	.05	.53	.17	2.08	2.27	26.61
79	4.40	3.38	5.14	TRACE	.92	.06	.21	.01	.04	1.64	.14	.75	16.69
80	8.40	9.90	4.35	1.19	.49	TRACE	.01	TRACE	TRACE	.26	TRACE	.39	24.99
81	2.20	1.40	2.09	.88	.12	TRACE	TRACE	TRACE	.03	.24	.89	.35	8.20
82	4.20	1.44	5.15	1.55	.41	.06	TRACE	.04	.57	.22	3.47	1.55	18.66
83	4.89	3.73	6.35	2.88	.05	.02	TRACE	2.01	.86	1.55	3.16	3.29	28.79
84	.10	.20	.27	.53	TRACE	.01	.20	.02	.08	.16	1.63	4.35	7.55
85	1.51	1.42	1.39	.25	TRACE	TRACE	TRACE	.00	.51	.40	2.65	.50	8.63
86	1.83	2.86	4.02	.97	TRACE	TRACE	.13	TRACE	1.05	.29	.34	1.11	12.60
87	1.72	1.29	1.22	.42	.04	.02	.06	.10	.20	3.00	1.82	1.89	11.78
88	1.35	.95	.33	2.80	.09	.04	.00	.01	.03	TRACE	.53	4.14	10.27
89	.95	3.11	1.18	.13	.31	TRACE	.00	TRACE	.67	.29	.30	TRACE	6.94
90	2.96	2.16	.67										5.79*
.....													
LEAST	.00	.00	TRACE	TRACE	TRACE	.00	.00	.00	.00	.00	.00	.00	3.20
GREATEST	11.23	10.46	8.11	4.79	2.52	.65	.42	2.24	3.86	3.00	8.01	7.75	28.79
MEAN	2.44	2.23	2.08	1.13	.37	.06	.05	.16	.37	.49	1.47	1.89	12.72
MEDIAN	1.51	1.60	1.39	.99	.17	.01	TRACE	TRACE	.04	.22	1.10	1.44	11.84
SD	2.397	2.337	1.834	1.102	.515	.126	.101	.450	.806	.675	1.625	1.779	5.806
.....													
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1409	1457	1410	1457	17136
.....													

THE GREATEST VALUE OF 11.23 OCCURRED ON 01/69

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					TRACE	.07	.00	.00	TRACE	.94	.05	1.41	1.41*
44	.44	1.91	.72	1.21	.01	.02	TRACE	.00	TRACE	TRACE	1.49	.72	1.91
45	.44	1.03	.96	.38	.08	.01	.01	.90	TRACE	.10	.07	1.76	1.76
46	.10	.66	.98	.31	.03	.00	.15	TRACE	.53	.40	1.61	1.28	1.61
47	.26	.33	.34	.36	.09	TRACE	.00	TRACE	TRACE	.04	TRACE	.36	.36
48	.06	1.69	.46	1.04	1.22	.48	TRACE	.00	TRACE	.43	TRACE	.54	1.69
49	.74	.58	.28	.06	.36	TRACE	.00	.00	TRACE	.06	1.42	.67	1.42
50	.65	1.59	.59	.57	.14	.03	TRACE	.00	TRACE	.01	.60	TRACE	1.59
51	.71	.32	.61	.58	.63	TRACE	.03	.10	.17	.92	.50	2.43	2.43
52	1.85	.25	1.52	.57	TRACE	TRACE	.01	TRACE	.50	TRACE	.98	.73	1.85
53	.55	.34	.63	1.24	.18	TRACE	TRACE	TRACE	TRACE	TRACE	.42	.35	1.24
54	1.98	1.61	.83	.10	.01	.03	.17	.02	TRACE	.00	1.65	.40	1.98
55	1.15	.71	.33	.50	.55	.02	TRACE	.05	TRACE	TRACE	.61	.72	1.15
56	4.03	.20	TRACE	1.01	.35	.00	.34	TRACE	.00	.35	.00	.23	4.03
57	1.03	.67	.48	1.26	.83	.06	TRACE	TRACE	TRACE	.57	.33	1.15	1.26
58	1.01	1.66	.70	1.58	.34	TRACE	.00	.11	.45	.17	.12	.00	1.66
59	.80	1.05	TRACE	.06	.13	TRACE	TRACE	.01	.83	TRACE	.42	.94	1.05
60	.97	.87	.19	.83	.19	TRACE	TRACE	.00	.74	.22	.40	.18	.97
61	.74	TRACE	.54	.09	.10	TRACE	TRACE	.33	TRACE	TRACE	.54	1.46	1.46
62	1.06	1.04	.41	.02	.22	.02	TRACE	.00	TRACE	.12	.01	TRACE	1.06
63	.45	1.20	.47	.81	TRACE	.36	.00	.22	1.85	.84	1.98	.17	1.98
64	.71	.20	.73	.74	.27	.17	.08	TRACE	.08	.16	1.23	.80	1.23
65	.28	.46	.67	1.10	.10	.11	TRACE	.12	.25	TRACE	3.79	1.14	3.79
66	.85	1.04	.39	.08	.04	TRACE	TRACE	TRACE	.09	.20	.80	3.93	3.93
67	1.50	.00	.51	.79	.15	.23	TRACE	.12	.07	TRACE	.94	.74	1.50
68	.53	.15	1.39	.46	.23	.03	.29	.07	TRACE	.12	.37	.51	1.39
69	3.06	2.30	.56	.50	.54	.09	.14	TRACE	.26	.06	.82	.02	3.06
70	.38	.76	.85	.09	TRACE	.02	.06	.20	.00	.01	1.32	1.24	1.32
71	.41	.32	.66	.29	.31	TRACE	.02	TRACE	TRACE	.56	.24	1.78	1.78
72	.00	.02	TRACE	.07	.08	.16	.00	.13	.08	1.39	1.17	.90	1.39
73	.91	1.90	.69	.03	.03	.01	TRACE	TRACE	TRACE	.03	.68	.10	1.90
74	1.25	.32	1.07	.46	.02	TRACE	.01	TRACE	.04	.31	.05	1.90	1.90
75	.13	.75	1.10	.37	.22	.13	TRACE	.00	.04	.37	.61	.67	1.10

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.00	1.34	.69	.55	.27	.24	.03	TRACE	3.31	.59	.33	.57	3.31
77	.48	.28	.92	TRACE	1.54	TRACE	.00	1.86	TRACE	.06	TRACE	1.64	1.86
78	1.08	1.18	1.95	1.07	.06	TRACE	.00	.05	.43	.17	1.08	.68	1.95
79	2.01	1.22	1.00	TRACE	.53	.04	.21	.01	.04	1.28	.06	.73	2.01
80	1.80	2.21	1.37	.37	.31	TRACE	.01	TRACE	TRACE	.14	TRACE	.37	2.21
81	1.04	.56	.97	.50	.09	TRACE	TRACE	TRACE	.03	.18	.34	.33	1.04
82	1.69	1.35	2.22	1.21	.29	.04	TRACE	.04	.37	.21	1.44	1.42	2.22
83	1.53	1.68	1.65	1.13	.05	.02	TRACE	1.02	.55	1.02	1.21	1.47	1.68
84	.04	.17	.14	.46	TRACE	.01	.13	.02	.04	.16	1.09	1.46	1.46
85	.66	.98	.56	.20	TRACE	TRACE	TRACE	.00	.33	.27	.76	.31	.98
86	.87	1.21	1.04	.83	TRACE	TRACE	.09	TRACE	.62	.17	.24	.61	1.21
87	1.01	.45	.38	.41	.03	.02	.03	.10	.16	1.59	.92	.46	1.59
88	1.11	.54	.33	1.00	.05	.03	.00	.01	.03	TRACE	.22	1.16	1.16
89	.71	1.75	.69	.13	.22	TRACE	.00	TRACE	.53	.15	.28	TRACE	1.75
90	.71	.94	.23										.94*
.....													
GREATEST	4.03	2.30	2.22	1.58	1.54	.48	.34	1.86	3.31	1.59	3.79	3.93	4.03
.....													
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1409	1457	1410	1457	17136
.....													

THE GREATEST VALUE OF 4.03 OCCURRED ON 01/26/56

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 3B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	99.9	99.7	99.7	99.8
TRACE	.6	.6	.3	.1						.1	.3	.2	.2
0.1-0.4	.1												.0
0.5-1.4	.1		.1										.0
1.5-2.4												.1	.0
2.5-3.4													
3.5-4.4													
4.5-6.4	.1												.0
6.5-10.4	.1												.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.4		.1									.1	.0
TOTAL NO. OF OBSERVATIONS	1395	1271	1395	1320	1363	1320	1364	1364	1320	1364	1320	1364	16160

B - 3 - 1

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					*	*	*	*	*	*	*	*	.0*
44	*	*	*	*	*	*	*	*	*	*	*	*	.0*
45	*	*	*	*	*	*	*	*	*	*	*	*	.0*
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
58	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE

B - 3 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
86	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
90	TRACE	TRACE	TRACE										TRACE*
.....													
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	7.9	TRACE	.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	7.9
MEAN	.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	.3
EDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SD	1.357	.000	.089	.000	.000	.000	.000	.000	.000	.000	.000	.302	1.394
.....													
TOTAL OBS	1395	1271	1395	1320	1363	1320	1364	1364	1320	1364	1320	1364	16160
.....													

THE GREATEST VALUE OF 7.9 OCCURRED ON 01/49

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					*	*	*	*	*	*	*	*	*
44	*	*	*	*	*	*	*	*	*	*	*	*	*
45	*	*	*	*	*	*	*	*	*	*	*	*	*
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
58	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE

B - 3 - 3A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
86	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
90	TRACE	TRACE	TRACE										TRACE*
.....													
GREATEST	6.5	TRACE	.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	6.5
.....													
TOTAL OBS	1395	1271	1395	1320	1363	1320	1364	1364	1320	1364	1320	1364	16160
.....													

THE GREATEST VALUE OF 6.5 OCCURRED ON 01/11/49

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9
TRACE	.3	.2	.1									.1	.1
1													
2													
3	.1												.0
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	.1												.0
TOTAL NO. OF OBSERVATIONS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					0	0	0	0	0	0	0	0	0*
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	3	0	0	0	0	0	0	0	0	0	0	0	3
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	0	0	0	0	0	0	0	0	0	0	0	0	0

B - 4 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	TRACE	0										TRACE*

GREATEST	3	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE	3*
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TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137
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THE GREATEST VALUE OF 3 OCCURRED ON 01/11/49

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA

PERIOD OF RECORD: 4305-9003

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
48 - 49	JAN 09	JAN 09	JAN 11	JAN 25	JAN 11	JAN 11
52 - 53	MAR 01	MAR 01		MAR 01	MAR 01	
53 - 54	MAR 24			MAR 24		
54 - 55	JAN 10			JAN 10		
55 - 56	FEB 16			FEB 16		
56 - 57	JAN 27	JAN 27		JAN 29	JAN 29	
57 - 58	APR 04			APR 04		
58 - 59	NOV 16			NOV 16		
61 - 62	FEB 27			FEB 27		
64 - 65	NOV 17			NOV 17		
67 - 68	DEC 13	DEC 19		DEC 19	DEC 19	
68 - 69	JAN 28			FEB 22		
72 - 73	DEC 10			DEC 10		
74 - 75	OCT 29			DEC 30		
75 - 76	NOV 28			MAR 03		
78 - 79	JAN 25			JAN 28		
85 - 86	NOV 12			MAR 15		

B - 5 - 1A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA

PERIOD OF RECORD: 4305-9003

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR		FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 -	87	FEB 25			FEB 25		
88 -	89	FEB 07			FEB 08		
89 -	90	JAN 17			MAR 12		
MEDIAN-DATE		JAN 21	JAN 18	JAN 11	FEB 12	JAN 20	JAN 11

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

## PART C

### SURFACE WIND SUMMARIES

#### PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

#### WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
43					*	*	*	*	*	*	*	*	*
44	*	*	*	*	*	*	*	*	*	*	*	*	*
45	*	*	*	*	*	*	*	*	*	*	*	*	*
46	NE 56	N *43	NW *43	*	*	*	*	*	*	*	N *47	N 64	N *64
47	N 49	ESE 23	N 38	NNW 37	SW 26	NNE 30	WSW*27	SE 32	W 19	NE 32	NE 45	NNW 40	N *49
48	NNW*43	*	SSE*29	NNW 29	WSW 26	SSW*22	SW 23	SSW 20	SSW 23	SW 57	NNW 51	SW 30	SW *57
49	NW 69	NW 29	NNE 32	NE 47	WSW 33	NNW 48	WSW 21	SSW*23	ENE 30	W 33	N 25	NW 50	NW *69
50	NNW 42	N 55	NE *28	NNW 31	SW *31	SSW 22	ESE 36	SW 21	ENE 33	ESE 28	N 50	NNE*38	N *55
51	N 36	N *42	NE 39	WSW 30	WSW*23	NNW 28	E 28	WSW 56	WSW 21	NNE 39	NNE 28	N 49	WSW*56
52	NNW 32	NNW 49	N 47	WSW 24	NE 40	W 20	WSW 20	WSW 17	ESE 39	WSW 16	NNW 45	NNW 34	NNW 49
53	N 39	NW 50	NW 34	WSW 22	N 40	SSE 16	SW 14	SW 15	SW 14	NNW 28	NW 28	E 60	E 60
54	NNE 26	N 30	NNW 36	SW 19	NE 21	N 23	WSW*19	SW 18	NNW 22	NNW 23	SW 22	N 51	N *51
55	N 41	NNW 51	NNW 37	WSW 37	N 35	WSW 23	W 21	WSW 24	WSW 26	E 20	N 38	SSW 19	NNW 51
56	ESE 21	NW 48	NNW 45	SW 27	N 34	WSW 28	SW 18	WSW 16	WSW 18	N 30	N 47	NNW 48	NW 48
57	NNE 44	WSW 23	N 41	N 43	WSW 24	N 35	SE 39	WSW 23	SW 26	NW 33	N *43	S 31	NNE*44
58	N *32	SW *27	W 30	WSW 28	WNW 22	WSW 20	E 24	WSW 18	ESE 32	N 36	WSW 32	NE 36	N *36
59	N 32	N 28	N 34	WNW 23	WSW 24	W 19	W 21	W 20	ESE 47	N 40	N 37	NNW 42	ESE 47
60	N 36	NNW 35	NNE 37	NW 30	WSW 21	WSW 20	WSW 21	W 20	SW 60	N 40	NNE 40	N 40	SW 60
61	NNW 30	NNW 44	NNE 34	NNW 31	W 23	N 34	WSW 19	S 28	NNW 31	N 34	N 40	SSE 21	NNW 44
62	NNW 42	NW 33	NW 31	SW 32	WSW 25	WSW 20	NW 21	WSW 20	S 20	SW 21	N 35	NW 28	NNW 42
63	NNE 46	NNW 51	N *33	WSW 35	W 23	WSW 20	W 20	WSW 18	SE 29	N 25	N 36	NNE 27	NNW*51
64	NW 40	NNW 51	N 45	N 27	WSW 33	SSW 22	S 26	WSW 20	NNW 33	N 27	NNW 35	NNW 29	NNW 51
65	NNW 34	NW 47	N 30	WNW 30	SW 28	WSW 19	WSW 23	ENE 29	NNW 26	NNW 37	WSW 29	SSE 36	NW 47
66	NNE 43	N 49	SW 28	NNW 30	WSW 24	W 22	SW 26	WSW 25	E 26	NNE 34	NNE 28	N 39	N 49
67	N 37	N 32	N 27	WSW 25	N 28	SW 20	SE 20	ENE 34	SSE 22	N 36	SSE 22	N 39	N 39
68	N 27	N 17	N 33	N 35	W 20	W 22	27/ 20	26/ 23	03/ 28	34/ 36	01/ 34	02/ 35	34/ 36
69	01/ 30	22/ 33	35/ 36	32/ 29	24/ 19	26/ 18	25/ 22	25/ 21	18/ 38	01/ 37	36/ 34	01/ 49	01/ 49
70	01/ 30	36/ 50	02/ 38	24/ 29	02/ 34	26/ 22	25/ 22	13/ 30	02/ 31	02/ 33	01/ 52	17/ 29	01/ 52
71	02/ 42	02/ 32	34/ 36	02/ 38	01/ 25	26/ 19	26/ 20	27/ 20	24/ 21	02/ 30	03/ 34	01/ 37	02/ 42
72	36/ 35	32/ 22	34/ 28	30/ 27	23/ 28	09/ 29	26/ 23	28/ 20	28/ 19	02/ 37	24/ 30	03/ 48	03/ 48
73	32/ 46	24/ 34	02/ 31	05/ 39	25/ 22	27/ 24	28/ 20	32/ 22	01/ 28	01/ 29	32/ 35	01/ 34	32/ 46
74	01/ 47	35/ 37	24/ 16	01/ 28	24/ 21	26/ 20	27/ 20	27/ 19	27/ 20	26/ 29	01/ 21	36/ 40	01/ 47
75	01/ 43	01/ 42	35/ 42	25/ 22	02/ 37	28/ 18	36/ 24	26/ 22	26/ 23	02/ 31	01/ 32	36/ 36	01/ 43

C - 2 - 1A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
76	31/ 23	35/ 38	36/ 43	26/ 28	35/ 21	35/ 22	27/ 19	26/ 22	09/ 38	03/ 37	36/ 48	01/ 42	36/ 48
77	01/ 34	01/ 34	01/ 43	02/ 35	26/ 26	26/ 20	26/ 19	19/ 23	29/ 17	23/ 22	36/ 28	04/ 25	01/ 43
78	02/ 36	18/ 44	17/ 37	35/ 23	02/ 29	26/ 26	22/ 18	25/ 18	36/ 32	02/ 33	35/ 34	36/ 45	36/ 45
79	36/ 28	36/ 37	30/ 26	32/ 33	22/ 26	35/ 28	27/ 19	30/ 20	20/ 23	35/ 42	03/ 30	03/ 42	35/ 42
80	28/ 40	01/ 34	26/ 33	34/ 36	24/ 20	24/ 21	26/ 20	27/ 19	23/ 21	35/ 30	33/ 48	03/ 28	33/ 48
81	36/ 28	06/ 37	20/ 27	36/ 37	24/ 24	34/ 33	25/ 22	25/ 23	25/ 23	33/ 32	32/ 17	33/ 32	06/ 37
82	02/ 44	36/ 43	17/ 28	35/ 43	29/ 25	22/ 23	22/ 20	21/ 22	21/ 22	36/ 33	25/ 45	02/ 44	25/ 45
83	33/ 42	33/ 32	16/ 38	36/ 29	35/ 23	25/ 18	29/ 18	24/ 21	29/ 14	35/ 27	32/ 42	33/ 20	33/ 42
84	35/ 40	35/ 32	35/ 42	33/ 36	28/ 31	25/ 21	29/ 25	31/ 33	05/ 30	36/ 32	33/ 25	01/ 44	01/ 44
85	07/ 44	35/ 36	25/ 33	02/ 35	27/ 24	24/ 20	22/ 19	27/ 19	26/ 36	02/ 29	27/ 33	36/ 33	07/ 44
86	36/ 48	02/ 27	06/ 35	29/ 35	26/ 25	28/ 22	24/ 21	24/ 22	28/ 23	33/ 30	01/ 39	34/ 31	36/ 48
87	01/ 55	28/ 42	36/ 35	25/ 26	01/ 36	13/ 26	27/ 19	26/ 21	28/ 36	26/ 21	34/ 36	01/ 49	01/ 55
88	03/ 48	34/ 46	35/ 36	36/ 28	25/ 26	29/ 17	26/ 16	03/ 24	36/ 26	01/ 29	01/ 22	05/ 42	03/ 48
89	03/ 46	29/ 22	01/ 33	01/ 19	27/ 19	29/ 17	26/ 16	26/ 16	29/ 18	03/ 26	02/ 23	35/ 37	03/ 46
90	30/ 28	01/ 32	35/ 24										01/*32
.....													
GREATEST	NW 69	N 55	N 47	NE 47	NE 40	NNW 48	SE 39	WSW 56	SW 60	SW 57	01/ 52	N 64	NW 69
.....													
TOTAL OBS	1375	1206	1329	1281	1318	1266	1309	1323	1281	1325	1297	1357	15667
.....													

THE PEAK WIND OF 69 FROM NW OCCURRED ON 01/03/49

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

C - 2 - 1B



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN	MEDIAN	TOTAL
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	OB
JAN	1.9	27.9	38.5	11.8	6.4	4.6	3.5	2.0	3.0	.5	.1	14.7	12.0	137
FEB	.3	18.8	41.5	16.5	8.4	4.6	4.6	2.6	2.2	.6	.0	15.7	13.0	120
MAR	.1	10.2	41.1	28.9	9.4	5.1	2.4	1.7	1.1	.0	.0	15.9	14.0	132
APR	.1	4.1	33.4	41.6	13.2	4.0	1.9	1.6	.2	.0	.0	16.6	16.0	128
MAY	.0	3.0	29.1	50.2	13.9	2.3	1.1	.2	.2	.0	.0	16.3	16.0	131
JUN	.1	1.6	32.3	58.4	6.3	.9	.3	.1	.1	.0	.0	15.6	16.0	126
JUL	.0	2.2	29.9	61.7	5.7	.4	.0	.2	.0	.0	.0	15.6	16.0	130
AUG	.2	1.6	32.9	58.0	6.7	.2	.4	.0	.0	.1	.0	15.5	16.0	132
SEP	.1	4.6	43.7	42.5	6.2	1.6	.8	.4	.1	.1	.0	15.0	15.0	128
OCT	.5	15.2	47.5	24.6	5.8	2.9	2.3	.8	.2	.1	.0	14.1	13.0	132
NOV	1.4	27.9	44.6	11.6	5.6	2.5	2.9	1.7	1.3	.5	.0	13.5	11.0	129
DEC	2.4	34.9	33.2	11.0	6.0	4.1	3.8	2.1	2.4	.4	.0	13.9	10.0	135
ANNUAL	.6	12.8	37.3	34.6	7.8	2.8	2.0	1.1	.9	.2	.0	15.2	14.0	1566

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.6	.9	.6	.6							4.3	9.7	9.5
020-040	6.2	1.5	.1		.4	.1						8.4	4.7	3.0
050-070	12.8	2.9										15.7	3.2	3.0
(E) 080-100	10.2	1.0										11.2	2.6	2.0
110-130	7.7	.3	.3									8.4	2.6	2.0
140-160	2.5	.1										2.6	2.0	2.0
(S) 170-190	1.0											1.0	2.8	3.0
200-220	.2	.2										.4	3.3	3.5
230-250	1.2	.3										1.5	3.3	3.0
(W) 260-280	.6											.6	2.3	2.0
290-310	.1	.1	.1									.3	7.7	5.0
320-340	.6	.1	.5	.1	.2							1.6	9.4	11.0
VARIABLE														
CALM	////////////////////////////////////											44.0	////////////////////////////////	
TOTALS	44.6	7.1	1.9	.7	1.2	.1						100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.2	.9	1.1	.5	.2						3.9	12.8	14.0
020-040	7.0	1.0	.1	.1		.1						8.3	3.5	2.0
050-070	13.8	3.1		.1								17.0	3.3	3.0
(E) 080-100	8.9	.8										9.7	2.7	2.0
110-130	7.1	.4										7.5	2.4	2.0
140-160	1.6	.1										1.7	2.2	2.0
(S) 170-190	.6	.1										.8	2.6	2.0
200-220	.4	.3										.8	4.3	4.0
230-250	.9		.2									1.1	4.8	4.0
(W) 260-280	.8	.3	.1									1.2	4.6	4.0
290-310	1.0	.1										1.1	2.9	2.0
320-340	.9	.4	.6		.1							2.0	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											45.1	////////	
TOTALS	44.0	6.8	1.9	1.3	.6	.3						100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.5	.9	1.1	.6	.1						4.0	12.5	12.0
020-040	8.4	.6										9.0	3.0	3.0
050-070	13.5	3.0	.1									16.7	3.3	3.0
(E) 080-100	8.3	1.7	.1	.1								10.2	3.2	2.0
110-130	7.2	.8	.2									8.2	2.8	2.0
140-160	2.4	.3	.1									2.8	2.9	2.0
(S) 170-190	.1	.1										.2	3.5	3.5
200-220	.4		.1									.5	4.6	4.0
230-250	.6											.6	3.2	3.0
(W) 260-280	.3	.3										.6	3.5	3.5
290-310	.4		.1									.5	4.8	3.0
320-340	.6	.2	.4	.3								1.6	8.9	9.0
VARIABLE														
CALM	////////////////////////////////////											44.9	////////////////////////////////	
TOTALS	43.0	7.5	2.0	1.5	.6	.1						100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.1	1.2	.8	.8	.1	.2		.1			7.3	9.5	7.0
020-040	5.5	.1	.3	.2								6.1	3.3	2.0
050-070	5.6	.9										6.5	2.6	2.0
(E) 080-100	5.1	.4	.2	.1								5.8	2.9	2.0
110-130	4.3	.3	.5									5.2	3.3	2.0
140-160	2.6	.1	.1									2.8	2.8	2.5
(S) 170-190	1.6	.4	.1									2.2	3.4	2.0
200-220	1.6	.2										1.8	2.5	2.0
230-250	2.9	.4	.1									3.4	2.7	2.0
(W) 260-280	3.5	.3										3.9	2.7	2.0
290-310	1.9	.5	.1	.3								2.9	4.9	2.0
320-340	2.7	.5	.4	.2								3.9	4.4	2.0
VARIABLE														
CALM	////////////////////////////////////											48.3	////////////////////////////////	
TOTALS	40.4	5.2	3.0	1.6	.8	.1	.2		.1			100.0	2.1	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.9	1.6	1.9	1.0							7.2	11.5	12.0
020-040	1.0	.1	.2	.2	.1							1.6	6.9	4.0
050-070	1.7	.5	.1									2.4	3.4	2.0
(E) 080-100	1.5	.5										2.0	3.3	4.0
110-130	1.8	.5										2.4	3.1	2.5
140-160	2.9	.9	.4									4.2	4.2	4.0
(S) 170-190	1.4	1.0										2.4	3.7	2.5
200-220	6.1	1.8	.1									8.1	3.5	3.0
230-250	10.5	4.4	.2									15.2	3.8	4.0
(W) 260-280	7.5	2.8	.4	.2								11.0	4.0	3.0
290-310	5.6	1.8	.2	.1								7.7	3.9	3.0
320-340	3.2	1.5	.9	.4		.1						6.1	6.5	4.0
VARIABLE														
CALM	////////////////////////////////////											29.8	////////////////////////////////	
TOTALS	45.0	16.7	4.1	2.8	1.1	.1						100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.5	3.5	2.0	.6		.1					10.5	11.3	11.5
020-040	1.3	.8	.2	.3								2.6	6.5	4.5
050-070	1.0	.2										1.2	3.5	4.0
(E) 080-100	1.7	.2										1.9	3.3	3.0
110-130	2.4	.5	.2									3.1	3.5	2.0
140-160	3.0	1.6	.2									4.8	4.5	4.0
(S) 170-190	2.3	1.1	.2									3.5	4.1	4.0
200-220	6.6	2.2	.1									8.8	3.7	3.0
230-250	11.0	7.0	.5									18.5	4.3	4.0
(W) 260-280	5.7	3.7	.4									9.8	4.8	4.0
290-310	2.5	3.0	.5		.1							6.1	5.6	5.0
320-340	2.0	3.5	1.3	.5	.2	.1						7.7	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											21.3	////////	
TOTALS	41.2	26.3	7.1	2.8	.9	.1	.1					100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.3	2.3	1.1	.4							6.6	10.0	10.0
020-040	1.8	1.7	.5									4.1	5.4	5.0
050-070	6.1	1.1										7.2	3.2	3.0
(E) 080-100	8.0	1.1										9.0	2.9	3.0
110-130	7.2	.3										7.5	2.2	2.0
140-160	3.0	.1	.1									3.2	2.3	2.0
(S) 170-190	1.0	.3										1.3	3.1	2.5
200-220	1.9	.3										2.3	2.5	2.0
230-250	5.4	1.1	.2									6.7	3.4	3.0
(W) 260-280	3.0	.8										3.8	3.1	3.0
290-310	1.5	.5	.1									2.2	4.0	3.5
320-340	.8	1.0	.5	.1	.1							2.5	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											43.8	////////////////////////////////	
TOTALS	41.2	9.6	3.7	1.2	.5							100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.4	1.3	.6	.2							4.6	8.3	8.0
020-040	5.4	1.3	.3	.4	.1							7.5	4.9	3.0
050-070	10.2	2.2	.1	.1								12.6	3.4	3.0
(E) 080-100	7.6	1.1										8.7	2.8	2.0
110-130	7.3	.5		.1								8.0	2.4	2.0
140-160	2.9											2.9	2.3	2.0
(S) 170-190	.8											.8	1.6	2.0
200-220	.4	.1										.5	2.8	3.0
230-250	1.0	.4										1.4	3.2	3.0
(W) 260-280	1.1	.4	.1									1.6	4.1	3.0
290-310	.6	.1	.2									1.0	5.1	3.0
320-340	.5	.3	.1	.1								1.1	6.3	5.0
VARIABLE														
CALM	////////////////////////////////////											49.4	////////////////////////////////	
TOTALS	39.8	6.8	2.1	1.3	.3							100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.9	1.6	1.2	.6	.1	.0		.0			6.0	10.7	10.0
020-040	4.6	.9	.2	.2	.1	.0						6.0	4.3	3.0
050-070	8.1	1.7	.0	.0								9.9	3.2	3.0
(E) 080-100	6.4	.8	.0	.0								7.3	2.9	2.0
110-130	5.6	.5	.2	.0								6.3	2.7	2.0
140-160	2.6	.4	.1									3.1	3.1	2.0
(S) 170-190	1.1	.4	.0									1.5	3.4	2.5
200-220	2.2	.6	.0									2.9	3.4	3.0
230-250	4.2	1.7	.2									6.0	3.9	3.0
(W) 260-280	2.8	1.1	.1	.0								4.1	4.0	3.0
290-310	1.7	.8	.2	.1	.0							2.7	4.6	4.0
320-340	1.4	1.0	.6	.2	.1	.0						3.3	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											40.8	////////	
TOTALS	42.4	10.8	3.2	1.7	.8	.1						100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.8	3.0
020-040	2.0	.4										2.4	3.7	4.0
050-070	5.7	1.1										6.7	2.9	2.0
(E) 080-100	4.3	.4										4.8	2.7	2.0
110-130	3.9	.4										4.3	2.2	2.0
140-160	.4											.4	2.0	2.0
(S) 170-190	.9	.2										1.1	3.2	2.0
200-220	1.7	1.1										2.8	4.0	4.0
230-250	5.9	2.2										8.0	3.4	3.0
(W) 260-280	3.5	.7	.2									4.3	3.7	3.0
290-310	1.1	.4										1.5	3.7	3.0
320-340	.4	.2										.7	4.7	3.0
VARIABLE														
CALM	////////////////////////////////////											62.0	////////////////////////////////	
TOTALS	30.7	7.1	.2									100.0	1.2	3.0

TOTAL NUMBER OF OBSERVATIONS 460

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.9	.8	.5	.2							3.3	9.1	7.0
020-040	4.4	1.1	.1	.2								5.8	4.2	4.0
050-070	9.9	1.5	.1									11.6	3.1	3.0
(E) 080-100	8.9	.6										9.5	2.4	2.0
110-130	7.8	.1										7.9	2.0	2.0
140-160	2.0	.2										2.2	2.6	2.0
(S) 170-190	.1											.1	1.0	1.0
200-220	.8	.2	.1									1.2	4.2	3.5
230-250	1.3	.1										1.4	2.3	2.0
(W) 260-280	.5	.2										.7	4.2	3.5
290-310	.5											.5	3.0	3.0
320-340	.5	.2	.1	.1	.1							1.1	7.7	5.0
VARIABLE														
CALM	////////////////////////////////////											54.7	////////////////////////////////	
TOTALS	37.5	5.1	1.2	.8	.3							100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65			
(N) 350-010	1.1	1.5	.2	.2	.2							3.3	7.7	6.5
020-040	6.5	1.1	.2	.4								8.2	4.0	3.0
050-070	11.1	1.5										12.6	3.0	3.0
(E) 080-100	8.4	.9										9.3	2.6	2.0
110-130	5.1	.4										5.4	2.0	2.0
140-160	2.4	.1										2.5	2.4	2.0
(S) 170-190	.7	.1										.8	3.0	2.0
200-220	.6	.2	.1									.9	4.8	4.0
230-250	.5	.1										.6	3.2	2.0
(W) 260-280	.8	.1										.9	3.1	3.0
290-310	.4											.4	2.0	2.0
320-340	.8	.5	.2		.1							1.7	6.6	4.5
VARIABLE														
CALM	////////////////////////////////////											53.3	////////	
TOTALS	38.4	6.5	.7	.6	.3							100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866      STATION NAME: NORTON AFB/SAN BERNARDINO CA      PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8      MONTH: FEB      HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.2	.6	.5	.5							3.4	8.6	5.0
020-040	6.4	.7	.1	.1								7.3	3.4	3.0
050-070	11.3	1.5	.1									13.0	2.9	3.0
(E) 080-100	7.6	.9	.1									8.6	2.6	2.0
110-130	6.1	.6										6.7	2.5	2.0
140-160	1.8	.2										2.0	2.6	2.0
(S) 170-190	.5											.5	1.5	1.5
200-220	.9											.9	2.1	2.0
230-250	.5	.1	.1									.7	4.3	2.0
(W) 260-280	1.2	.4	.1									1.7	3.5	2.0
290-310	.7	.2	.1									1.1	3.7	2.0
320-340	.6	.4	.1	.1								1.2	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											52.8	////////////////////////////////	
TOTALS	39.3	5.2	1.3	.7	.5							100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.6	1.4	.9	.8	.1						6.3	10.0	10.0
020-040	3.1	.5	.1									3.7	3.0	2.0
050-070	4.3	.6	.1									5.0	2.7	2.0
(E) 080-100	3.4	.8										4.3	2.8	2.0
110-130	3.3	.8	.4									4.5	3.4	2.0
140-160	1.3	.4	.4									2.0	4.7	3.0
(S) 170-190	1.7	.2										1.9	2.6	2.0
200-220	2.5	.7										3.2	3.7	3.0
230-250	6.7	1.7	.1									8.5	3.4	3.0
(W) 260-280	4.6	.9	.1									5.7	3.4	3.0
290-310	3.1	.4	.4									3.8	3.5	2.0
320-340	2.5	.2	.5	.1	.1							3.4	5.0	2.0
VARIABLE														
CALM	////////////////////////////////////											47.9	////////////////////////////////	
TOTALS	38.9	7.8	3.5	1.0	.9	.1						100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.2	2.4	1.9	1.2	.1						7.6	12.6	12.5
020-040	1.3	.4	.1			.1						1.9	5.1	4.0
050-070	1.5	.5										2.0	3.5	3.0
(E) 080-100	.9	.8										1.8	4.1	4.0
110-130	1.9	.8	.1									2.8	4.2	4.0
140-160	2.4	1.8	.2									4.4	4.7	4.0
(S) 170-190	2.5	.5	.1									3.1	3.6	3.0
200-220	5.2	2.0	.4	.1								7.7	4.3	4.0
230-250	12.1	7.2	1.2									20.4	4.3	4.0
(W) 260-280	11.7	4.5	.9									17.1	4.2	4.0
290-310	4.6	.8	.6									6.0	4.0	3.0
320-340	1.9	.7	.5	.6	.1	.1						3.9	8.0	5.0
VARIABLE														
CALM	////////////////////////////////////											21.3	////////	
TOTALS	46.8	21.2	6.5	2.6	1.3	.3						100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 846



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.9	2.7	2.0	1.3	.1						8.6	12.8	12.0
020-040	.5	.2	.2	.1								1.1	7.2	6.0
050-070	.6	.2										.8	3.4	3.0
(E) 080-100	1.2	.5										1.7	3.7	3.5
110-130	1.1	.5	.1									1.7	4.4	4.0
140-160	2.1	2.0	.5									4.6	5.1	5.0
(S) 170-190	1.9	.8										2.7	3.7	3.0
200-220	4.8	2.8	.1									7.8	4.2	4.0
230-250	17.3	13.8	1.8									32.9	4.7	4.0
(W) 260-280	7.1	7.1	.7									14.9	5.1	5.0
290-310	2.1	3.1	.8	.2								6.3	6.3	6.0
320-340	1.2	1.8	1.7	.2	.1							5.0	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											12.1	////////////////////////////////	
TOTALS	40.5	34.7	8.6	2.5	1.4	.1						100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.6	1.2	.6	.4							6.5	8.3	6.0
020-040	1.2	1.3	.6									3.1	6.3	5.5
050-070	2.6	.6										3.2	3.0	3.0
(E) 080-100	4.1	.5										4.6	2.5	2.0
110-130	6.3	.5										6.7	2.3	2.0
140-160	2.8	.6										3.4	2.7	2.0
(S) 170-190	1.2	.4										1.5	3.0	3.0
200-220	1.5	.5										2.0	3.4	2.0
230-250	11.7	3.0	.4	.2								15.2	3.7	3.0
(W) 260-280	7.8	3.3	.5									11.6	4.0	4.0
290-310	1.7	.8	.2	.1								2.8	5.0	4.0
320-340	1.5	2.0	.6									4.1	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											35.1	////////////////////////////////	
TOTALS	44.2	16.1	3.5	.9	.4							100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.9	1.4	.8	.1	.1	.1						3.5	8.2	7.5
020-040		2.2	.8	.2	.4	.1							3.8	5.5	3.0
050-070		7.6	.6		.1								8.3	3.0	3.0
(E) 080-100		6.9	.1	.1									7.1	2.3	2.0
110-130		9.5	.6										10.0	2.2	2.0
140-160		2.2	.2	.1									2.6	2.5	2.0
(S) 170-190		.7	.2										.9	3.6	2.5
200-220		.8	.2										1.1	3.2	3.0
230-250		3.3	.6	.1									4.0	2.8	2.0
(W) 260-280		2.1	.6										2.7	3.3	3.0
290-310		.6	.1	.2									.9	5.6	3.0
320-340		.9	.1	.4									1.4	5.7	3.5
VARIABLE															
CALM		////////////////////////////////////											53.5	//////////	
TOTALS		37.7	5.5	1.9	.6	.2	.1						100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.3	1.3	.8	.6	.1						5.3	10.3	10.0
020-040	3.2	.8	.2	.1	.0	.0						4.3	4.3	3.0
050-070	6.1	.9	.0	.0								7.1	3.0	3.0
(E) 080-100	5.2	.7	.0									5.9	2.6	2.0
110-130	5.1	.5	.1									5.7	2.5	2.0
140-160	2.1	.7	.1									3.0	3.6	3.0
(S) 170-190	1.2	.3	.0									1.4	3.2	2.0
200-220	2.2	.8	.1	.0								3.1	4.0	4.0
230-250	6.7	3.3	.5	.0								10.5	4.2	4.0
(W) 260-280	4.5	2.1	.3									6.9	4.2	4.0
290-310	1.7	.7	.3	.0								2.7	4.7	4.0
320-340	1.2	.7	.5	.1	.1	.0						2.7	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											41.3	////////	
TOTALS	40.5	12.8	3.4	1.0	.7	.1						100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.1	.2										1.3	2.7	2.0
020-040	1.3											1.3	2.0	2.0
050-070	3.4	.7										4.1	3.1	3.0
(E) 080-100	4.7	.4										5.0	2.3	2.0
110-130	2.7	.5										3.2	2.6	2.0
140-160	1.3	.2	.4									1.8	4.0	2.0
(S) 170-190	1.3											1.3	1.9	2.0
200-220	2.5	1.1										3.6	3.7	3.0
230-250	9.8	3.8										13.6	3.4	3.0
(W) 260-280	7.5	2.3										9.8	3.5	3.0
290-310	.5	.2		.2								.9	5.0	2.0
320-340	.5	.2										.7	3.8	2.5
VARIABLE														
CALM	////////////////////////////////////											53.5	////////	
TOTALS	36.6	9.6	.4	.2								100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 559

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.3	.2	.2		.1						1.4	9.1	6.0
020-040	2.2	.2										2.4	2.7	2.0
050-070	7.0	.8										7.7	2.9	3.0
(E) 080-100	6.7	.4										7.1	2.4	2.0
110-130	6.2	.5										6.8	2.1	2.0
140-160	2.5	.3										2.8	2.5	2.0
(S) 170-190	.8	.2										1.0	2.8	2.0
200-220	1.1	.3										1.4	2.8	2.0
230-250	3.4	.8	.1									4.3	3.2	2.0
(W) 260-280	1.5	.3										1.8	2.9	2.0
290-310	.6	.3										1.0	3.4	3.0
320-340	.5	.2										.8	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											61.6	////////	
TOTALS	33.0	4.6	.3	.2		.1						100.0	1.1	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.3	.3		.2							1.7	7.2	4.0
020-040	2.2	.4										2.6	3.0	2.0
050-070	7.2	.8	.1									8.1	3.0	2.0
(E) 080-100	5.6	.6										6.2	2.6	2.0
110-130	5.5	1.2										6.7	2.8	2.0
140-160	2.5	.5										3.0	3.0	3.0
(S) 170-190	1.0	.3	.1									1.4	3.7	2.0
200-220	.9	.1										1.0	3.0	3.0
230-250	1.7	.9	.2									2.8	4.2	2.0
(W) 260-280	2.9	.1										3.0	2.6	2.5
290-310	.5	.2	.1									.9	4.9	4.0
320-340	.4	.2		.1	.1							.9	7.4	4.5
VARIABLE														
CALM	////////////////////////////////////											61.8	////////////////////////////////	
TOTALS	31.3	5.6	.8	.1	.3							100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAR HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.6	.1	.8	.3								2.8	6.8	4.0
020-040		3.2	.2	.1									3.5	2.6	2.0
050-070		6.6	.1	1									6.8	2.5	2.0
(E) 080-100		7.1	.3										7.4	2.4	2.0
110-130		5.2	.6										5.8	2.8	2.0
140-160		1.6	.3	.1									2.0	3.2	2.0
(S) 170-190		.9											.9	2.5	2.0
200-220		1.2	.6	.1									1.9	3.8	3.0
230-250		1.7	.5	.1	.1								2.5	4.3	3.0
(W) 260-280		2.0	.4										2.5	3.2	3.0
290-310		.5	.2										.8	3.4	2.0
320-340		.5	.2	.3	.1								1.2	7.1	6.0
VARIABLE															
CALM		////////////////////////////////////											61.9	////////	
TOTALS		32.1	3.5	1.6	.5								100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.8	.9	.9								4.2	7.8	6.0
020-040	1.6		.2	.2								2.0	4.4	2.0
050-070	1.5	.4										1.9	2.9	2.0
(E) 080-100	2.2	.5	.1									2.8	3.3	2.0
110-130	2.2	.4										2.6	3.2	3.0
140-160	2.9	.6	.3									3.9	3.7	3.0
(S) 170-190	1.4	.8	.1									2.3	4.3	4.0
200-220	4.2	1.3	.1	.1								5.7	3.9	3.0
230-250	8.0	3.2	.3	.1	.2							11.8	4.2	3.0
(W) 260-280	9.4	3.2										12.6	3.5	3.0
290-310	5.3	.9										6.1	2.6	2.0
320-340	2.4	.3	.9	.1								3.7	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											40.4	////////////////////////////////	
TOTALS	42.8	12.4	2.9	1.4	.2							100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.5	1.2	1.0	.1							5.9	8.2	8.0
020-040	1.0	.4	.3	.3								2.0	6.5	5.0
050-070	1.3	.9										2.2	4.1	4.0
(E) 080-100	.6	.4	.1									1.2	4.4	3.0
110-130	1.3	.8	.2									2.3	4.6	4.0
140-160	1.2	1.0	.1									2.3	4.9	4.0
(S) 170-190	2.9	1.3	.1	.1								4.4	4.1	4.0
200-220	6.7	2.2	1.0	.2								10.0	4.5	4.0
230-250	10.3	9.2	1.5	.1	.1							21.3	5.2	5.0
(W) 260-280	11.5	8.3	1.0	.1								20.9	4.9	4.0
290-310	5.2	2.5	.8	.1								8.5	4.5	4.0
320-340	3.4	1.0	1.1	.2								5.7	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											13.4	////////////////////////////////	
TOTALS	47.6	29.5	7.4	2.1	.2							100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.7	1.6	.9								5.2	9.3	9.0
020-040	1.1			.4								1.5	6.6	4.0
050-070	.4	.3										.8	4.0	2.0
(E) 080-100	1.1	.6										1.7	3.9	4.0
110-130	.8	1.0	.3									2.0	5.7	6.0
140-160	1.5	.9	.4									2.8	5.5	4.0
(S) 170-190	.6	.9	.2									1.7	5.9	5.0
200-220	4.3	2.5	.8	.1								7.7	5.2	4.0
230-250	10.2	18.1	4.7									33.1	6.2	6.0
(W) 260-280	6.3	14.4	4.2	.2								25.1	6.6	6.0
290-310	1.9	2.6	.8									5.3	5.8	5.0
320-340	1.6	1.0	.6	.5	.1							3.9	7.3	5.5
VARIABLE														
CALM	////////////////////////////////////											9.3	////////	
TOTALS	30.8	44.0	13.6	2.1	.1							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.9	.2	.1								4.0	5.5	5.0
020-040	.5	.3	.2									1.1	5.5	4.5
050-070	1.5	.4										1.9	3.1	3.0
(E) 080-100	3.6	.6										4.2	3.2	3.0
110-130	2.4	.5										2.9	3.3	3.0
140-160	1.8	.4	.1									2.4	3.7	3.5
(S) 170-190	1.0	.4										1.4	3.3	4.0
200-220	2.6	1.4	.2									4.2	4.2	4.0
230-250	13.5	9.0	.5									23.0	4.3	4.0
(W) 260-280	14.9	8.5	.6									24.1	4.2	4.0
290-310	2.4	1.3	.2									3.9	4.1	4.0
320-340	1.0	.5	.4		.1							2.0	6.3	5.0
VARIABLE														
CALM	////////////////////											24.9	////////	
TOTALS	46.9	25.2	2.4	.1	.1							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.4										.9	4.4	4.5
020-040	1.0	.1	.2									1.3	4.1	2.5
050-070	3.3	.4										3.8	3.2	3.0
(E) 080-100	5.9	.4	.2									6.6	2.8	2.0
110-130	7.2	.5										7.8	2.5	2.0
140-160	2.8											2.8	1.9	2.0
(S) 170-190	.5	.2										.8	3.6	4.0
200-220	1.3	.5	.1									1.9	3.9	3.0
230-250	5.0	.6	.2									5.8	3.4	3.0
(W) 260-280	6.0	1.4	.2									7.7	3.3	3.0
290-310	1.0	.3										1.3	3.7	2.5
320-340	.9	.4		.1								1.4	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											58.0	////////	
TOTALS	35.3	5.2	.9	.1								100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: ALL

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	1-4	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(DEGREES)											%	WIND	WIND	
(N) 350-010	1.3	.9	.6	.4	.0	.0					3.3	7.6	6.0	
020-040	1.6	.2	.1	.1							2.1	4.1	2.0	
050-070	3.6	.5	.0								4.1	3.0	3.0	
(E) 080-100	4.1	.5	.1								4.7	2.8	2.0	
110-130	3.8	.7	.1								4.6	2.9	2.0	
140-160	2.1	.5	.1								2.7	3.5	3.0	
(S) 170-190	1.1	.5	.1	.0							1.7	4.0	4.0	
200-220	2.8	1.1	.3	.1							4.2	4.3	4.0	
230-250	6.7	5.3	1.0	.0	.0						13.1	5.0	4.0	
(W) 260-280	6.8	4.6	.8	.0							12.2	4.7	4.0	
290-310	2.2	1.0	.2	.0							3.5	4.2	4.0	
320-340	1.3	.5	.4	.1	.0						2.4	5.9	4.0	
VARIABLE														
CALM	////////////////////////////////////										41.4	////////		
TOTALS	37.4	16.3	3.8	.7							100.0	2.6	4.0	

TOTAL NUMBER OF OBSERVATIONS 7432

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.5	2.5
020-040	1.2	.1										1.4	2.4	2.0
050-070	2.8	.7										3.5	3.3	3.0
(E) 080-100	3.0	.7										3.7	2.9	2.0
110-130	1.8	.3	.1									2.2	3.8	3.0
140-160	.5	.3	.3									1.1	6.4	6.0
(S) 170-190	.4	.1	.1									.7	4.6	4.0
200-220	3.0	.7	.1									3.8	3.2	2.5
230-250	11.1	4.6	.9									16.7	4.0	3.0
(W) 260-280	10.6	3.7	.4									14.7	3.7	3.0
290-310	1.1	.1										1.2	2.8	2.0
320-340	.4	.1										.5	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											50.1	////////	
TOTALS	36.4	11.4	1.9									100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 737

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.4	.1									.9	5.9	6.5
020-040	.8	.1	.1									1.0	4.1	2.0
050-070	3.9	.7										4.6	3.2	3.0
(E) 080-100	6.6	.2										6.8	2.3	2.0
110-130	5.9	.2										6.1	2.1	2.0
140-160	2.4	.4										2.9	2.6	2.0
(S) 170-190	.8											.8	2.9	3.0
200-220	.8	.2										1.0	3.3	2.0
230-250	5.7	.4										6.1	2.4	2.0
(W) 260-280	4.3	.2										4.6	2.3	2.0
290-310	1.0	.1										1.1	3.1	3.0
320-340	.4	.1	.2									.8	5.1	2.0
VARIABLE														
CALM	////////////////////////////////////											63.4	////////////////////////////////	
TOTALS	32.9	3.0	.4									100.0	1.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3	.2	.1								1.2	6.6	5.0
020-040	2.2	.2	.1									2.6	3.2	2.0
050-070	6.0	.2										6.2	2.6	2.0
(E) 080-100	7.0	.6										7.6	2.3	2.0
110-130	5.1	.2										5.3	2.2	2.0
140-160	2.3	.6										2.9	2.9	2.5
(S) 170-190	.8	.1										.9	2.9	2.5
200-220	1.2	.1										1.3	2.6	2.5
230-250	4.1	.2										4.3	2.4	2.0
(W) 260-280	2.7	.1										2.8	2.6	2.0
290-310	.4	.3	.1									.9	4.3	4.0
320-340	.2	.6										.8	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											63.2	////////	
TOTALS	32.6	3.5	.4	.1								100.0	1.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.4	.2									1.9	4.6	4.0
020-040	1.6	.2	.1									1.9	3.5	3.0
050-070	4.6	.1										4.7	2.4	2.0
(E) 080-100	5.3	.4										5.8	2.5	2.0
110-130	3.9	.3										4.2	2.1	1.5
140-160	1.9	.4	.1									2.4	3.5	2.0
(S) 170-190	.2	.2										.4	5.3	5.5
200-220	.9	.2	.1									1.2	3.5	2.0
230-250	4.7	.7	.2									5.6	3.4	2.0
(W) 260-280	2.6	.8										3.3	3.8	4.0
290-310	1.1	.2	.1									1.4	4.0	3.0
320-340	.9	.3	.1	.4								1.8	7.0	5.0
VARIABLE														
CALM	////////////////////////////////////											65.3	////////////////////////////////	
TOTALS	28.9	4.2	.9	.4								100.0	1.1	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.8	.6	.9	.4							4.3	9.4	8.0
020-040	1.1	.2	.2		.2							1.8	6.6	4.0
050-070	1.1	.6	.1									1.8	3.9	2.5
(E) 080-100	2.1	.4										2.6	3.1	3.0
110-130	2.0	.1										2.1	2.6	2.0
140-160	2.1	.8	.3									3.2	3.9	3.0
(S) 170-190	3.4	.4	.1									4.0	3.0	2.5
200-220	4.1	1.6	.2									5.9	3.5	3.0
230-250	11.9	3.3	.6	.1								15.9	3.8	3.0
(W) 260-280	10.1	2.8	.2									13.1	3.6	3.0
290-310	7.1	1.7	.2									9.0	3.3	3.0
320-340	3.9	.2	.9	.2	.6							5.8	6.3	3.0
VARIABLE														
CALM	////////////////////////////////////											30.6	////////	
TOTALS	50.6	12.9	3.4	1.2	1.2							100.0	2.9	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.3	.9	.9	.6	.2						5.2	10.3	9.0
020-040	1.1	.1	.4	.1	.1							1.9	6.9	4.0
050-070	1.6	.6			.1							2.2	4.4	4.0
(E) 080-100	1.3	.2										1.6	3.1	3.0
110-130	1.3	.2										1.6	2.7	2.0
140-160	2.2	.6										2.8	3.4	4.0
(S) 170-190	2.6	1.6										4.1	4.2	4.0
200-220	5.6	4.6	.6									10.7	5.0	4.0
230-250	8.8	13.8	2.1	.1	.1							24.9	5.8	6.0
(W) 260-280	8.2	9.7	2.6									20.4	5.6	5.0
290-310	5.3	5.6	.9									11.8	5.1	5.0
320-340	2.2	1.2	.9	.3								4.7	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											8.2	////////	
TOTALS	41.5	39.5	8.4	1.4	.9	.2						100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.8	1.7	.4	.3							4.0	10.4	10.5
020-040	.4	.2	.7									1.3	7.8	9.0
050-070	.6	.1										.7	3.7	4.0
(E) 080-100	.3	.1										.4	2.8	2.0
110-130	.9	.3	.1									1.3	4.3	3.5
140-160	1.1	.6										1.7	4.0	4.0
(S) 170-190	.7	.4	.1									1.2	4.4	4.0
200-220	2.6	4.2	1.3	.2								8.3	6.5	6.0
230-250	6.6	21.4	7.9	.9								36.8	7.3	7.0
(W) 260-280	3.4	18.4	6.9	.4								29.2	7.7	8.0
290-310	2.0	2.4	.8	.2								5.4	6.4	6.0
320-340	2.2	1.4	1.3	.2								5.2	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	21.6	50.3	20.8	2.3	.3							100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	.6	.1								1.8	8.2	8.0
020-040	.3	.6	.1									1.0	5.3	6.0
050-070	1.3	.2	.1	.1								1.8	4.6	4.0
(E) 080-100	1.3	.2										1.6	2.7	2.0
110-130	1.9											1.9	1.9	2.0
140-160	1.1	.3	.1									1.6	3.1	2.0
(S) 170-190	1.3	.3										1.7	3.1	2.0
200-220	2.9	2.8	.1									5.8	4.8	4.5
230-250	16.7	15.1	1.1	.1								33.0	4.9	4.0
(W) 260-280	12.3	13.3	2.7	.1								28.4	5.4	5.0
290-310	1.1	1.4	.1									2.7	5.3	5.0
320-340	.6	.9	.4	.1								2.0	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											16.9	////////////////////////////////	
TOTALS	41.0	36.0	5.3	.5								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.4	1.0									2.0	8.5	9.5
020-040	.6	.2										.8	3.6	3.0
050-070	1.4	.1										1.6	3.1	3.0
(E) 080-100	4.1	.2										4.3	2.6	2.0
110-130	6.0	.3										6.3	2.3	2.0
140-160	2.6	.2										2.8	2.8	2.0
(S) 170-190	.4											.4	1.3	1.0
200-220	2.6	.3										2.9	3.0	2.5
230-250	13.1	.8										13.9	2.7	2.0
(W) 260-280	9.3	1.7										11.0	3.2	3.0
290-310	.9	.4										1.3	3.9	4.0
320-340	.2		.2									.4	6.5	7.0
VARIABLE														
CALM	////////////////////////////////////											52.2	////////	
TOTALS	41.8	4.6	1.2									100.0	1.5	2.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.8	.7	.7	.3	.2	.0						2.7	8.9
020-040	1.0	.2	.2	.0	.0							1.5	5.1
050-070	2.6	.3	.0	.0	.0							2.9	3.1
(E) 080-100	3.5	.3										3.8	2.5
110-130	3.4	.2	.0									3.6	2.3
140-160	2.0	.5	.1									2.5	3.3
(S) 170-190	1.3	.4	.0									1.7	3.5
200-220	2.6	1.8	.3	.0								4.6	4.7
230-250	8.9	7.0	1.5	.2	.0							17.6	5.1
(W) 260-280	6.6	5.9	1.5	.1								14.1	5.4
290-310	2.4	1.5	.3	.0								4.2	4.7
320-340	1.3	.6	.5	.2	.1							2.7	6.5
VARIABLE													
CALM	////////////////////////////////////										38.0	////////////////////////////////	
TOTALS	36.4	19.4	5.1	.8	.3							100.0	3.0
TOTAL NUMBER OF OBSERVATIONS 7200													



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
(N) 350-010	1.1											1.1	2.6
020-040	.5											.5	2.0
050-070	.9											.9	2.3
(E) 080-100	.8	.3										1.1	3.1
110-130	1.9											1.9	1.6
140-160	.7											.7	2.2
(S) 170-190	1.1	.5										1.6	3.4
200-220	4.6	3.0	.1									7.7	4.1
230-250	18.3	7.7	.7									26.6	3.8
(W) 260-280	9.7	3.4										13.1	3.5
290-310	1.9											1.9	2.6
320-340	1.7	.1										1.9	2.6
VARIABLE													
CALM	////////////////////											41.0	////////
TOTALS	43.2	15.0	.8									100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 743

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1	.1									.3	7.0	7.0
020-040	.2											.2	2.5	2.5
050-070	1.5											1.5	2.2	2.0
(E) 080-100	1.8	.2										2.0	2.4	2.0
110-130	3.8											3.8	1.7	2.0
140-160	1.2											1.2	1.7	2.0
(S) 170-190	.9											.9	1.5	1.0
200-220	2.8	.1										2.9	2.5	2.0
230-250	10.1	.6										10.8	2.6	2.0
(W) 260-280	8.8	.4										9.2	2.6	2.0
290-310	1.1	.2										1.3	3.2	3.5
320-340	.2	.1										.3	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											65.6	////////	
TOTALS	32.5	1.7	.1									100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	1.5	1.5
020-040	.8											.8	2.6	2.0
050-070	2.2	.3										2.5	2.5	2.0
(E) 080-100	2.3	.1										2.4	2.5	2.0
110-130	3.0	.1										3.1	1.7	2.0
140-160	1.0											1.0	1.7	2.0
(S) 170-190	.5											.5	2.0	2.0
200-220	2.8	.2										3.0	2.3	2.0
230-250	7.5	.4										8.0	2.5	2.0
(W) 260-280	6.1	.5										6.7	2.5	2.0
290-310	.6											.6	2.2	2.0
320-340	.5											.5	2.8	3.0
VARIABLE														
CALM	////////////////////////////////////											70.8	////////////////////////////////	
TOTALS	27.5	1.6										100.0	.7	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.2	.2									.8	6.0	6.0
020-040	.5		.1									.6	3.5	2.0
050-070	1.7	.1										1.8	2.4	2.0
(E) 080-100	1.0	.1										1.1	2.1	2.0
110-130	3.1											3.1	1.8	2.0
140-160	1.2											1.2	2.3	2.0
(S) 170-190	1.6	.1										1.7	2.4	2.0
200-220	2.8	.1										2.9	2.6	2.0
230-250	8.8	1.0										9.8	2.6	2.0
(W) 260-280	5.6	.9										6.5	2.8	2.5
290-310	2.3	.4										2.7	2.6	2.0
320-340	.6											.6	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											67.2	////////////////////////////////	
TOTALS	29.5	2.9	.3									100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	.4	.5									2.9	4.6	2.0
020-040	.9											.9	2.6	2.5
050-070	.9	.4										1.3	3.2	2.5
(E) 080-100	.8	.2										1.0	2.6	2.0
110-130	1.5	.1										1.6	2.6	2.0
140-160	1.0	.1	.1									1.2	3.7	3.0
(S) 170-190	2.7	.4										3.1	2.9	3.0
200-220	5.9	1.4										7.3	3.3	3.0
230-250	11.0	4.4	.2									15.6	3.8	4.0
(W) 260-280	12.0	5.1	.2									17.3	3.8	4.0
290-310	11.8	3.3										15.2	3.4	3.0
320-340	5.1	.5	.3	.2								6.1	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											26.6	////////	
TOTALS	55.5	16.3	1.3	.2								100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.8										2.2	3.6	3.5
020-040	.6	.2										.9	3.5	2.0
050-070	1.0											1.0	2.9	3.0
(E) 080-100	1.7	.1										1.8	2.5	2.0
110-130	.6	.1										.8	3.1	2.0
140-160	.8											.8	2.3	2.0
(S) 170-190	1.6	1.4										3.0	4.0	3.5
200-220	5.3	4.6	.6									10.5	4.9	4.5
230-250	7.8	16.9	3.4	.5								28.7	6.4	6.0
(W) 260-280	8.5	17.7	3.5									29.8	6.2	6.0
290-310	4.0	6.5	1.3	.3								12.0	6.2	6.0
320-340	1.8	1.3	.6	.1								3.9	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////	
TOTALS	35.1	49.6	9.4	.9								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.3	.2	.2								.9	9.6	9.0
020-040	.2	.1			.1							.4	8.0	4.5
050-070	.1		.1									.2	7.0	7.0
(E) 080-100	.2	.3	.1									.6	5.3	5.5
110-130	.3											.3	1.7	2.0
140-160	.1											.1	3.0	3.0
(S) 170-190		.1	.3									.4	11.3	12.5
200-220	1.2	5.5	3.7	.3	.1							10.8	8.5	8.0
230-250	3.4	22.0	11.0	.4	.1							37.0	8.1	8.0
(W) 260-280	3.8	22.0	14.8	.3								41.0	8.4	8.0
290-310	.9	3.3	1.4		.1							5.7	7.5	7.0
320-340	.4	.4	.5									1.4	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	10.7	54.0	32.1	1.2	.4							100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.4	.1									.9	5.5	5.5
020-040														
050-070	.4	.2										.6	3.2	2.0
(E) 080-100	.4											.4	1.3	1.0
110-130	.3											.3	2.7	2.0
140-160	.2											.2	2.5	2.5
(S) 170-190	.6	.2	.1									1.0	4.7	4.0
200-220	2.2	2.9	1.0	.1								6.1	6.5	7.0
230-250	20.4	21.7	2.3	.1								44.5	5.1	5.0
(W) 260-280	13.4	20.4	2.5									36.3	5.5	6.0
290-310	1.1	1.1	.1									2.3	5.1	5.0
320-340	.1	.1										.2	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	39.4	47.0	6.1	.2								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	.2											.2	2.0	2.0
050-070	.4											.4	2.3	2.0
(E) 080-100	1.6											1.6	1.9	2.0
110-130	1.6											1.6	2.3	2.0
140-160	.9	.1										1.0	2.0	2.0
(S) 170-190	.6	.1										.8	2.1	1.0
200-220	2.5	.5										3.0	2.8	2.0
230-250	23.2	2.5	.1									25.8	2.8	2.0
(W) 260-280	16.6	3.9										20.4	3.3	3.0
290-310	1.4	.6										2.0	3.9	4.0
320-340	.5											.5	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											42.6	////////////////////////////////	
TOTALS	49.5	7.7	.1									100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3	.1	.0								1.0	5.1	3.0
020-040	.4	.0	.0		.0							.5	3.5	2.0
050-070	1.0	.1	.0									1.2	2.7	2.0
(E) 080-100	1.2	.1	.0									1.4	2.5	2.0
110-130	1.8	.0										1.8	2.0	2.0
140-160	.8	.0	.0									.8	2.3	2.0
(S) 170-190	1.1	.3	.1									1.4	3.4	3.0
200-220	3.2	1.9	.7	.1	.0							5.8	5.1	4.0
230-250	11.5	8.7	2.1	.1	.0							22.5	5.1	4.0
(W) 260-280	9.4	8.9	2.6	.0								20.9	5.5	5.0
290-310	2.9	1.9	.3	.0	.0							5.2	4.8	4.0
320-340	1.2	.3	.2	.0								1.7	4.8	3.0
VARIABLE														
CALM	////////////////////////////////////											35.7	////////////////////////////////	
TOTALS	35.1	22.5	6.1	.2								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.2										.6	3.0	2.0
020-040	.2											.2	1.5	1.5
050-070	.7											.7	1.6	2.0
(E) 080-100	.3											.3	1.8	2.0
110-130	1.0											1.0	1.4	1.0
140-160	.4											.4	1.6	2.0
(S) 170-190	1.5	.3										1.8	2.8	2.0
200-220	5.2	1.6	.1									6.9	3.6	3.0
230-250	15.6	7.2	.3									23.2	3.8	3.0
(W) 260-280	9.4	3.5	.2									13.1	3.7	3.0
290-310	3.7	.6										4.4	3.1	3.0
320-340	.9	.1										1.0	2.7	2.0
VARIABLE														
CALM	////////////////////											46.5	////////	
TOTALS	39.3	13.5	.6									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 1148

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.5	2.5
020-040	.2		.2									.4	6.5	6.0
050-070	1.3											1.3	2.5	2.0
(E) 080-100	1.4											1.4	1.7	2.0
110-130	5.6											5.6	1.8	2.0
140-160	1.4											1.4	1.9	2.0
(S) 170-190	.2											.2	3.0	3.0
200-220	1.7											1.7	2.2	2.0
230-250	10.0	.1										10.1	2.3	2.0
(W) 260-280	9.2	.4										9.7	2.6	2.0
290-310	.6	.3										.9	4.4	4.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											67.0	////////////////////////////////	
TOTALS	31.8	.8	.2									100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.1										.3	2.7	2.0
020-040	.7	.1										.8	3.1	2.0
050-070	2.2	.1										2.3	2.6	2.0
(E) 080-100	1.9	.1										2.0	2.1	2.0
110-130	4.7											4.7	1.7	2.0
140-160	1.6											1.6	2.1	2.0
(S) 170-190	1.2											1.2	1.9	2.0
200-220	2.2											2.2	1.8	2.0
230-250	5.7											5.7	2.1	2.0
(W) 260-280	4.3	.1										4.4	2.4	2.0
290-310	.1	.2										.3	6.3	8.0
320-340	.2	.1										.3	4.3	3.0
VARIABLE														
CALM	////////////////////////////////////											74.1	////////////////////////////////	
TOTALS	25.0	.8										100.0	.6	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	2.0	2.0
020-040	.4											.4	2.0	2.0
050-070	.6											.6	2.4	2.0
(E) 080-100	1.6											1.6	1.7	2.0
110-130	2.1											2.1	1.5	2.0
140-160	1.8											1.8	1.6	1.5
(S) 170-190	1.4											1.4	2.1	2.0
200-220	2.4											2.4	2.2	2.0
230-250	8.7	.6										9.2	2.3	2.0
(W) 260-280	4.8	.4										5.2	2.5	2.0
290-310	2.8											2.8	2.0	2.0
320-340	1.4											1.4	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											70.7	////////////////////////////////	
TOTALS	28.3	1.0										100.0	.6	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.3	.1	.2								2.1	4.8	3.0
020-040	.8	.3										1.1	3.4	2.5
050-070	.3	.2										.6	4.8	3.0
(E) 080-100	.4	.1										.6	3.0	2.0
110-130	.7											.7	2.0	2.0
140-160	1.1	.2										1.3	2.8	2.0
(S) 170-190	1.9	.3										2.2	2.8	2.0
200-220	5.8	1.1	.1									7.0	3.3	3.0
230-250	12.8	4.0	.3									17.1	3.7	3.0
(W) 260-280	15.1	4.9										20.0	3.6	4.0
290-310	14.9	4.0										18.9	3.3	3.0
320-340	5.7	.7	.1	.1								6.6	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											21.9	////////////////////////////////	
TOTALS	60.9	16.1	.6	.3								100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866      STATION NAME: NORTON AFB/SAN BERNARDINO CA      PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8      MONTH: JUN      HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.2	.1	.2								1.8	5.4	4.0
020-040	.7											.7	2.3	2.5
050-070	.2	.1										.3	4.0	4.0
(E) 080-100	.2	.1	.1									.4	5.3	5.0
110-130	.2	.1										.3	4.0	2.0
140-160	.8											.8	2.4	2.0
(S) 170-190	1.8	.7										2.4	3.4	3.0
200-220	6.2	5.0	.4	.2								11.9	5.1	4.0
230-250	9.0	16.2	2.2									27.4	5.9	6.0
(W) 260-280	10.9	19.6	2.4									32.9	5.8	6.0
290-310	5.3	6.7	1.2									13.2	5.3	5.0
320-340	1.4	1.3	.2	.1								3.1	5.5	5.0
VARIABLE														
CALM	////////////////////											4.7	////////	
TOTALS	37.9	50.0	6.6	.5								100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.1	.1	.1	.1							.4	14.0	14.0
020-040	.2		.1									.3	5.3	2.0
050-070														
(E) 080-100														
110-130	.1											.1	2.0	2.0
140-160	.1											.1	3.0	3.0
(S) 170-190	.3	.2	.2									.8	5.6	6.0
200-220	1.2	5.2	2.0	.2								8.7	7.5	7.0
230-250	4.6	23.3	12.1	.2								40.2	7.9	8.0
(W) 260-280	3.4	25.1	12.3	.1								41.0	8.1	8.0
290-310	1.0	2.8	2.1									5.9	7.5	8.0
320-340	.2	.6	.2	.1								1.1	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	11.1	57.3	29.1	.7	.1							100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1		.1								.3	9.0	8.0
020-040	.1	.2		.1								.4	8.5	8.0
050-070	.1											.1	4.0	4.0
(E) 080-100														
110-130														
140-160	.1											.1	1.0	1.0
(S) 170-190	.2	.2	.1									.6	6.0	5.0
200-220	2.3	2.3	.6	.1								5.3	5.3	5.0
230-250	18.1	29.7	4.2									52.0	5.7	6.0
(W) 260-280	11.9	21.4	3.0									36.3	5.8	6.0
290-310	.2	1.0	.2									1.4	6.8	6.0
320-340	.1	.1										.2	5.5	5.5
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	33.2	55.0	8.1	.3								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010			.1									.1	10.0	10.0
020-040			.1	.1								.2	13.5	13.5
050-070	.1											.1	1.0	1.0
(E) 080-100	.2											.2	1.5	1.5
110-130	2.4											2.4	1.6	2.0
140-160	1.8											1.8	1.9	2.0
(S) 170-190	.6											.6	1.8	1.0
200-220	2.9	.4										3.3	3.0	3.0
230-250	22.6	2.1										24.7	2.8	2.0
(W) 260-280	21.4	5.1										26.6	3.3	3.0
290-310	.7	.2										.9	3.5	2.5
320-340	.1	.1										.2	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											38.9	////////////////////////////////	
TOTALS	52.8	7.9	.2	.1								100.0	1.8	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: /22866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: JUN HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.4	.1	.1	.1	.0							.7	5.7	4.0
020-040	.4	.1	.1	.0								.6	4.5	2.5
050-070	.6	.1										.7	2.9	2.0
(E) 080-100	.7	.0	.0									.8	2.2	2.0
110-130	2.0	.0										2.0	1.8	2.0
140-160	1.1	.0										1.1	2.1	2.0
(S) 170-190	1.0	.2	.0									1.2	3.1	2.0
200-220	3.1	1.8	.4	.1								5.3	4.7	4.0
230-250	11.4	9.5	2.4	.0								23.3	5.2	5.0
(W) 260-280	10.1	9.6	2.2	.0								22.0	5.4	5.0
290-310	3.2	1.9	.4									5.5	4.5	4.0
320-340	1.2	.4	.1	.0								1.6	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											35.2	////////	
TOTALS	35.2	23.7	5.7	.2								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
(N) 350-010	.5											.5	2.0
020-040	.3											.3	2.7
050-070	.1											.1	2.0
(E) 080-100	.3											.3	1.7
110-130	.4											.4	1.8
140-160	.5											.5	1.8
(S) 170-190	1.0											1.0	1.8
200-220	5.9	1.2										7.0	2.9
230-250	15.2	5.5	.1									20.8	3.5
(W) 260-280	11.7	2.8	.1									14.6	3.3
290-310	4.9	.7										5.6	2.9
320-340	1.4	.3										1.7	3.0
VARIABLE													
CALM	////////////////////////////////////											47.2	////////////////////////////////
TOTALS	42.2	10.5	.2									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 1196

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	2.0	2.0
020-040	.1											.1	1.0	1.0
050-070	.6											.6	1.7	2.0
(E) 080-100	.9											.9	1.6	1.5
110-130	1.3											1.3	1.4	1.0
140-160	1.0											1.0	1.6	2.0
(S) 170-190														
200-220	.6											.6	2.3	2.5
230-250	6.0	.3										6.3	2.3	2.0
(W) 260-280	5.4	.3										5.7	2.5	2.0
290-310	.2											.2	1.5	1.5
320-340	.1											.1	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											83.0	////////	
TOTALS	16.3	.6										100.0	.4	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	2.0	2.0
020-040	.2											.2	2.5	2.5
050-070	2.4											2.4	1.8	2.0
(E) 080-100	1.2											1.2	2.3	2.0
110-130	1.2											1.2	1.4	1.0
140-160	1.1											1.1	1.6	1.0
(S) 170-190														
200-220	.3											.3	1.7	2.0
230-250	2.6											2.6	2.0	2.0
(W) 260-280	1.1	.1										1.2	2.6	2.0
290-310	.4											.4	2.3	2.0
320-340	.1											.1	4.0	4.0
VARIABLE														
CALM	////////////////////											89.2	////////	
TOTALS	10.7	.1										100.0	.2	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.4	2.0
020-040	.2											.2	1.5	1.5
050-070	.8											.8	2.4	2.0
(E) 080-100	.8											.8	1.9	2.0
110-130	.3											.3	1.3	1.0
140-160	.3											.3	1.3	1.0
(S) 170-190	.3											.3	1.0	1.0
200-220	1.9											1.9	1.7	1.5
230-250	3.1	.3										3.4	2.4	2.0
(W) 260-280	3.5											3.5	1.8	2.0
290-310	1.9											1.9	1.7	1.5
320-340	1.0											1.0	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											84.9	////////////////////////////////	
TOTALS	14.6	.3										100.0	.3	2.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1											1.1	2.7	3.0
020-040	.9	.1										1.0	2.6	2.0
050-070	.4											.4	2.3	2.0
(E) 080-100	.8											.8	2.3	2.0
110-130	.1											.1	2.0	2.0
140-160	.3											.3	1.7	1.0
(S) 170-190	1.6	.1										1.7	2.0	2.0
200-220	4.9	.6										5.6	3.0	3.0
230-250	12.5	3.8										16.2	3.5	3.0
(W) 260-280	18.7	5.6	.1									24.4	3.4	3.0
290-310	14.2	3.4										17.6	3.2	3.0
320-340	5.8	.4										6.2	2.6	2.0
VARIABLE														
CALM	////////////////////											24.5	////////	
TOTALS	61.3	14.0	.1									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	4.0	4.0
020-040	.2	.1		.1								.4	6.8	4.5
050-070	.3	.1										.4	4.3	3.5
(E) 080-100	.5	.1										.6	3.2	3.0
110-130	.2		.2									.4	7.0	7.5
140-160	.3		.1									.4	4.3	3.0
(S) 170-190	.9	.4										1.3	3.7	3.5
200-220	6.6	6.6	.3									13.4	5.0	5.0
230-250	8.6	19.1	2.6									30.3	6.0	6.0
(W) 260-280	10.6	20.4	2.7	.1								33.9	5.9	6.0
290-310	4.8	6.8	.2	.1								11.9	5.2	5.0
320-340	1.9	.8	.1									2.8	4.2	3.5
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	35.5	54.4	6.2	.3								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.2	4.5	4.5
020-040	.1	.1										.2	4.0	4.0
050-070		.2										.2	6.0	6.0
(E) 080-100	.1	.3	.1									.5	5.8	6.0
110-130	.3	.4										.8	5.3	6.0
140-160	.4											.4	2.5	2.5
(S) 170-190		.3	.1	.1								.5	9.4	8.0
200-220	.6	4.2	2.8	.1								7.7	8.1	8.0
230-250	3.4	28.1	15.1	.1								46.7	8.3	8.0
(W) 260-280	1.6	24.9	8.7	.1								35.4	7.8	8.0
290-310	.6	3.3	1.4									5.4	7.5	8.0
320-340	.3	.1										.4	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////	
TOTALS	7.5	62.0	28.2	.4								100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.1										.1	8.0	8.0
020-040	.2	.1										.3	3.7	4.0
050-070	.2	.1										.3	3.7	3.0
(E) 080-100	.1											.1	4.0	4.0
110-130														
140-160	.1											.1	2.0	2.0
(S) 170-190			.1									.1	11.0	11.0
200-220	2.5	4.3	.5									7.3	6.1	6.0
230-250	22.8	28.2	4.9									55.9	5.5	5.0
(W) 260-280	10.6	16.5	2.0									29.1	5.5	5.0
290-310	.3	.4	.1									.9	5.9	5.5
320-340	.2											.2	4.0	4.0
VARIABLE														
CALM	////////////////////											5.5	////////	
TOTALS	37.0	49.7	7.6									100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	.1											.1	3.0	3.0
050-070	.3											.3	2.0	2.0
(E) 080-100	.3											.3	1.3	1.0
110-130	.2											.2	1.5	1.5
140-160	.1											.1	2.0	2.0
(S) 170-190	.2											.2	1.0	1.0
200-220	1.6	.1										1.7	2.5	2.0
230-250	23.8	2.4										26.1	2.7	2.0
(W) 260-280	16.5	1.2										17.6	2.6	2.0
290-310	.9											.9	2.4	3.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											52.4	////////////////////////////////	
TOTALS	44.0	3.7										100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.0										.3	3.2	3.0
020-040	.3	.1		.0								.3	3.4	2.5
050-070	.6	.1										.7	2.4	2.0
(E) 080-100	.6	.1	.0									.6	2.6	2.0
110-130	.5	.1	.0									.5	2.6	2.0
140-160	.5		.0									.5	2.0	2.0
(S) 170-190	.4	.1	.0	.0								.5	3.6	2.0
200-220	2.4	2.0	.5	.0								4.8	5.2	5.0
230-250	10.3	10.3	2.8	.0								23.5	5.5	5.0
(W) 260-280	8.5	8.6	1.7	.0								18.9	5.2	5.0
290-310	2.9	1.7	.2	.0								4.9	4.4	4.0
320-340	1.2	.2	.0									1.4	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											43.1	////////////////////////////////	
TOTALS	28.5	23.3	5.2									100.0	2.9	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.0	2.0
020-040	.2											.2	4.0	4.0
050-070	.2											.2	2.0	2.0
(E) 080-100	.2											.2	2.0	2.0
110-130														
140-160	.4											.4	1.5	1.5
(S) 170-190	.7											.7	1.3	1.0
200-220	4.6	.2										4.8	2.6	2.0
230-250	11.3	3.2	.2									14.7	3.3	3.0
(W) 260-280	10.2	2.0										12.2	3.1	3.0
290-310	5.2	.4										5.6	2.6	2.0
320-340	2.2											2.2	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											58.6	////////////////////////////////	
TOTALS	35.4	5.8	.2									100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 539

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	4.0	4.0
020-040	.1											.1	2.0	2.0
050-070	.8											.8	2.0	2.0
(E) 080-100	.6											.6	2.0	2.0
110-130	1.2											1.2	1.4	1.0
140-160	.3											.3	1.3	1.0
(S) 170-190														
200-220	1.2											1.2	2.1	2.0
230-250	7.0	.2										7.2	2.1	2.0
(W) 260-280	4.3	.1										4.4	2.3	2.0
290-310	.1											.1	2.0	2.0
320-340	.2											.2	2.5	2.5
VARIABLE														
CALM	////////////////////////////////////											83.8	////////	
TOTALS	15.9	.3										100.0	.3	2.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	2.5	2.5
020-040	.2											.2	1.5	1.5
050-070	1.2											1.2	2.4	2.0
(E) 080-100	1.3											1.3	1.8	2.0
110-130	1.1											1.1	1.3	1.0
140-160	.2	.1										.3	2.7	1.0
(S) 170-190	.3											.3	1.7	2.0
200-220	.9											.9	2.5	2.5
230-250	3.1	.1										3.2	2.1	2.0
(W) 260-280	1.9											1.9	2.0	2.0
290-310	.2											.2	2.5	2.5
320-340	.2											.2	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											88.9	////////////////////////////////	
TOTALS	10.8	.2										100.0	.2	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	3.0	3.0
020-040	.3	.1										.4	3.0	2.5
050-070	.6											.6	2.3	2.0
(E) 080-100	.9	.2										1.1	2.9	2.0
110-130	.3											.3	1.7	2.0
140-160	.8											.8	1.3	1.0
(S) 170-190														
200-220	1.2											1.2	1.8	2.0
230-250	3.5	.1										3.7	2.1	2.0
(W) 260-280	3.4	.1										3.5	2.3	2.0
290-310	1.3											1.3	2.1	2.0
320-340	.9	.2										1.1	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											85.8	////////	
TOTALS	13.4	.7										100.0	.3	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.1										1.3	2.3	2.0
020-040	.3											.3	2.0	2.0
050-070	.2											.2	1.5	1.5
(E) 080-100	.9	.1										1.0	2.8	2.0
110-130	.6											.6	2.3	2.0
140-160	.3											.3	1.7	2.0
(S) 170-190	.9											.9	1.8	1.5
200-220	2.9	.3										3.2	2.4	2.0
230-250	8.9	2.7										11.6	3.4	3.0
(W) 260-280	15.2	5.6										20.8	3.5	4.0
290-310	17.2	3.9										21.1	3.2	3.0
320-340	5.3	.8										6.0	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											32.7	////////////////////////////////	
TOTALS	53.9	13.5										100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	3.3	3.5
020-040	.2	.1										.3	5.0	3.0
050-070	.4	.1										.5	4.0	4.0
(E) 080-100	.4	.1										.5	3.2	3.0
110-130	.3	.2										.5	3.2	3.0
140-160	.3											.3	2.0	2.0
(S) 170-190	1.2	.1										1.3	2.9	3.0
200-220	2.6	4.5	.2									7.3	5.3	6.0
230-250	9.2	17.2	2.0									28.5	5.7	6.0
(W) 260-280	10.8	21.7	2.7									35.2	5.9	6.0
290-310	7.4	7.5	.3									15.3	5.1	5.0
320-340	2.6	.6	.1									3.3	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////	
TOTALS	35.8	52.1	5.3									100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.3										.4	5.8	6.5
020-040														
050-070		.1										.1	5.0	5.0
(E) 080-100	.2											.2	1.5	1.5
110-130	.1	.1										.2	3.5	3.5
140-160	.1											.1	3.0	3.0
(S) 170-190	.2											.2	3.5	3.5
200-220	.5	4.9	2.4									7.8	7.9	8.0
230-250	3.5	23.1	13.9									40.5	8.2	8.0
(W) 260-280	3.2	27.8	12.2									43.2	8.0	8.0
290-310	1.2	2.4	.6	.1								4.3	6.6	6.0
320-340	.2	.4										.6	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	9.3	59.1	29.1	.1								100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.1										.1	5.0	5.0
020-040			.1									.1	10.0	10.0
050-070	.2											.2	2.5	2.5
(E) 080-100	.2											.2	2.0	2.0
110-130		.1										.1	6.0	6.0
140-160	.1											.1	1.0	1.0
(S) 170-190		.2										.2	5.5	5.5
200-220	4.0	3.5	.3									7.8	4.9	4.0
230-250	22.4	26.3	1.4									50.1	5.0	5.0
(W) 260-280	11.3	15.3	2.6									29.1	5.6	6.0
290-310	.1	.1	.1									.3	6.7	8.0
320-340	.1											.1	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											11.4	////////////////////////////////	
TOTALS	38.4	45.6	4.5									100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070	.1											.1	4.0	4.0
(E) 080-100	.1											.1	2.0	2.0
110-130	.8											.8	1.4	1.0
140-160	.4											.4	1.3	1.0
(S) 170-190	.1											.1	1.0	1.0
200-220	1.7											1.7	2.3	2.0
230-250	21.7	1.6										23.3	2.6	2.0
(W) 260-280	14.4	1.5										15.9	2.6	2.0
290-310														
320-340	.1											.1	2.0	2.0
VARIABLE														
CALM	////////////////////											57.4	////////	
TOTALS	39.4	3.1										100.0	1.1	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.3	3.2	3.0
020-040	.1	.0	.0									.2	3.4	2.0
050-070	.4	.0										.5	2.6	2.0
(E) 080-100	.6	.1										.6	2.4	2.0
110-130	.6	.1										.6	1.9	2.0
140-160	.3	.0										.3	1.6	1.0
(S) 170-190	.3	.0										.4	2.6	2.0
200-220	1.9	1.7	.4									3.9	5.1	5.0
230-250	9.9	8.9	2.2									21.0	5.2	5.0
(W) 260-280	8.1	9.0	2.2									19.3	5.5	5.0
290-310	3.4	1.7	.1	.0								5.3	4.2	4.0
320-340	1.2	.3	.0									1.5	3.1	2.0
VARIABLE														
CALM	////////////////////////////////////											46.1	////////	
TOTALS	27.1	21.9	4.9									100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.2										.6	3.7	2.0
020-040	.2											.2	2.0	2.0
050-070	.4											.4	2.5	2.5
(E) 080-100	.9											.9	2.6	2.0
110-130	.2											.2	2.0	2.0
140-160	.8											.8	1.3	1.0
(S) 170-190	.9											.9	2.2	2.0
200-220	2.4	.2										2.6	2.4	2.0
230-250	10.3	3.6										13.9	3.4	3.0
(W) 260-280	11.1	3.2										14.3	3.2	3.0
290-310	6.0	.4	.2									6.6	2.8	2.0
320-340	.9											.9	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											57.7	////////////////////////////////	
TOTALS	34.5	7.6	.2									100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 532

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	3.7	4.0
020-040	.7	.1										.8	2.6	2.0
050-070	3.3											3.3	2.0	2.0
(E) 080-100	3.0	.1										3.1	2.4	2.0
110-130	3.4	.1										3.6	1.7	2.0
140-160	1.3											1.3	1.9	2.0
(S) 170-190	.3											.3	2.7	2.0
200-220	.7											.7	1.5	1.0
230-250	3.4	.2										3.7	2.7	2.0
(W) 260-280	3.8	.3										4.1	2.8	3.0
290-310	.3	.1										.4	3.0	3.0
320-340	.6	.1										.7	3.2	2.0
VARIABLE														
CALM	////////////////////////////////////											77.7	////////////////////////////////	
TOTALS	21.1	1.0										100.0	.5	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	1.5	1.5
020-040	.8											.8	2.4	2.0
050-070	5.3	.1										5.4	2.4	2.0
(E) 080-100	4.1	.3										4.4	2.6	2.0
110-130	3.4											3.4	1.6	1.0
140-160	2.0	.1										2.1	1.9	2.0
(S) 170-190	.4											.4	1.8	1.5
200-220	.4											.4	1.8	2.0
230-250	2.8	.1										2.9	2.5	2.0
(W) 260-280	1.7	.2										1.9	2.6	2.0
290-310	.7											.7	2.3	2.0
320-340	.2											.2	3.0	3.0
VARIABLE														
CALM	////////////////////											77.0	////////	
TOTALS	22.0	.8										100.0	.5	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	1.9	2.0
020-040	.8	.1										.9	2.1	2.0
050-070	3.0	.2										3.2	2.4	2.0
(E) 080-100	5.4	.1										5.6	2.2	2.0
110-130	3.2	.2										3.4	2.2	2.0
140-160	2.0	.2										2.2	2.6	2.0
(S) 170-190	.6	.2										.8	3.0	2.0
200-220	.4	.1										.6	2.6	2.0
230-250	2.2	.3										2.6	2.9	2.0
(W) 260-280	2.0	.4										2.4	3.1	3.0
290-310	1.0											1.0	2.1	2.0
320-340	.6	.1										.7	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											75.8	////////////////////////////////	
TOTALS	22.1	1.9										100.0	.6	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.2										2.1	2.6	2.0
020-040	.4											.4	2.8	2.5
050-070	.2											.2	1.5	1.5
(E) 080-100	1.3		.1									1.4	2.9	2.0
110-130	1.9	.2	.1									2.2	3.3	3.0
140-160	1.2	.2	.1									1.6	3.6	2.5
(S) 170-190	1.7	.3	.1									2.1	3.3	2.0
200-220	4.6	.7										5.2	3.2	3.0
230-250	11.4	2.1										13.6	3.1	3.0
(W) 260-280	14.0	2.1										16.1	3.1	3.0
290-310	11.9	1.7										13.6	2.9	3.0
320-340	6.6	.4	.1									7.1	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											34.3	////////////////////////////////	
TOTALS	57.1	7.9	.5									100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.2										1.9	3.0	3.0
020-040	.6	.1	.1									.8	5.1	3.0
050-070	.2		.1									.3	4.7	3.0
(E) 080-100	.9	.3										1.2	3.9	4.0
110-130	.6	.3	.1									1.0	4.7	4.0
140-160	.7	.8	.1									1.6	4.5	5.0
(S) 170-190	1.3	.2										1.6	2.9	2.5
200-220	3.4	5.0	.6									9.0	5.4	5.0
230-250	9.7	14.4	1.6	.1								25.8	5.5	5.0
(W) 260-280	13.2	18.3	1.9									33.4	5.4	5.0
290-310	6.6	4.9	.3									11.8	4.7	4.0
320-340	3.7	1.6	.6									5.8	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	42.6	46.1	5.4	.1								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.3										.7	5.3	5.5
020-040	.1											.1	2.0	
050-070	.2	.4										.7	4.8	5.5
(E) 080-100	.4	.2										.7	3.8	4.0
110-130	1.0	.4										1.4	3.7	3.0
140-160	.6	.6										1.1	4.4	4.5
(S) 170-190	.2	.4	.1									.8	5.4	6.0
200-220	2.3	5.0	1.2									8.6	6.2	6.0
230-250	4.9	29.8	8.0	.1								42.8	7.3	7.0
(W) 260-280	4.6	21.4	7.4									33.4	7.3	7.0
290-310	1.3	3.6	.6									5.4	6.3	7.0
320-340	1.0	.4	.1									1.6	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	16.9	62.5	17.4	.1								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.2										.7	4.3	4.0
020-040	.1											.1	2.0	2.0
050-070	.4											.4	2.5	2.5
(E) 080-100	.7											.7	2.0	2.0
110-130	1.0	.2										1.2	2.5	1.0
140-160	.3	.2										.6	3.6	3.0
(S) 170-190		.2										.2	5.0	5.0
200-220	4.1	2.2	.1									6.4	4.0	4.0
230-250	26.3	15.9	.8									43.0	4.3	4.0
(W) 260-280	13.7	11.9	.2									25.8	4.5	4.0
290-310	.8	.6										1.3	4.4	4.0
320-340	.7	.1										.8	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											18.8	////////	
TOTALS	48.5	31.5	1.1									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	3.0	3.0
020-040	.2											.2	1.5	1.5
050-070	.9											.9	2.4	2.0
(E) 080-100	.8	.1										.9	2.6	2.5
110-130	2.7	.2										2.9	2.1	2.0
140-160	1.1	.1										1.2	2.2	2.0
(S) 170-190	.7											.7	2.8	3.0
200-220	1.4											1.4	2.1	2.0
230-250	13.1	.7										13.8	2.6	2.0
(W) 260-280	10.3	1.3										11.7	2.8	2.0
290-310	1.4	.2										1.7	3.3	3.0
320-340	.3	.1										.4	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											64.0	////////	
TOTALS	33.1	2.7										100.0	1.0	2.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.1										.9	3.1	3.0
020-040	.5	.0	.0									.5	2.9	2.0
050-070	1.7	.1	.0									1.8	2.5	2.0
(E) 080-100	2.1	.2	.0									2.2	2.6	2.0
110-130	2.2	.2	.0									2.4	2.4	2.0
140-160	1.2	.3	.0									1.5	3.0	2.0
(S) 170-190	.7	.2	.0									.9	3.3	2.5
200-220	2.2	1.6	.2									4.0	4.6	4.0
230-250	9.2	7.9	1.3	.0								18.5	5.0	5.0
(W) 260-280	7.9	7.0	1.2									16.1	5.0	5.0
290-310	3.0	1.4	.1									4.5	4.0	4.0
320-340	1.7	.4	.1									2.2	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											44.5	////////////////////////////////	
TOTALS	33.2	19.4	2.9									100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.4										.4	2.7	3.0
020-040	.3										.3	2.5	2.5
050-070	1.0										1.0	2.0	2.0
(E) 080-100	1.3	.4									1.7	3.2	2.0
110-130	1.1	.8									2.0	3.6	2.5
140-160	.7	.1									.8	2.5	2.0
(S) 170-190	.4										.4	2.0	2.0
200-220	2.8	1.8	.4								5.0	4.6	4.0
230-250	11.2	4.6	.1								15.9	3.7	3.0
(W) 260-280	7.1	3.2	.1								10.5	3.8	3.0
290-310	2.6	.4									3.1	2.6	2.0
320-340	2.4										2.4	2.5	2.0
VARIABLE													
CALM	////////////////////////////////////										56.6	////////////////////////////////	
TOTALS	31.3	11.3	.6								100.0	1.5	3.0

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3	.2									1.2	5.4	3.0
020-040	3.0	.6		.1								3.8	3.5	2.0
050-070	6.8	.2										7.0	2.5	2.0
(E) 080-100	3.0	.2										3.2	2.3	2.0
110-130	4.3											4.3	1.8	2.0
140-160	1.0											1.0	1.6	2.0
(S) 170-190	.1											.1	4.0	4.0
200-220	1.1											1.1	2.3	2.0
230-250	2.2											2.2	2.5	2.0
(W) 260-280	1.7	.2										1.9	2.6	2.0
290-310	.8											.8	1.9	1.0
320-340	.5	.2										.8	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											72.8	////////////////////////////////	
TOTALS	25.1	1.7	.2	.1								100.0	.7	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2	.1	.2								1.4	5.5	3.0
020-040	2.7	.5	.1	.1								3.4	3.5	2.0
050-070	9.0	.2										9.2	2.5	2.0
(E) 080-100	5.1	.1										5.2	2.3	2.0
110-130	3.1											3.1	1.6	1.0
140-160	1.1											1.1	2.4	2.0
(S) 170-190	.3											.3	1.7	1.0
200-220	.4											.4	2.0	1.5
230-250	.9											.9	2.4	2.0
(W) 260-280	1.8											1.8	2.1	2.0
290-310	.3											.3	3.0	4.0
320-340	.4	.2	.1									.8	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											72.0	////////////////////////////////	
TOTALS	26.0	1.2	.3	.3								100.0	.7	2.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.2	.8									1.5	7.3	8.5
020-040	2.8	.5	.1									3.4	3.2	2.0
050-070	6.6	.5										7.1	2.4	2.0
(E) 080-100	5.5	.3										5.8	2.1	2.0
110-130	4.0											4.0	1.9	2.0
140-160	1.9											1.9	1.7	2.0
(S) 170-190	.6											.6	2.5	2.0
200-220	.8	.1										.9	3.1	3.0
230-250	1.9	.3										2.3	2.7	2.0
(W) 260-280	1.2	.3										1.5	2.9	2.0
290-310	.6	.1	.1									.9	4.3	3.0
320-340	.3	.2	.1									.6	4.8	3.5
VARIABLE														
CALM	////////////////////////////////////											69.5	////////////////////////////////	
TOTALS	26.7	2.5	1.1									100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.5	.5	.3								2.7	6.9	5.0
020-040	1.2	.2	.1	.3								1.8	6.1	4.0
050-070	1.4	.4										1.8	3.2	2.0
(E) 080-100	2.4	.1	.2									2.7	3.3	2.0
110-130	1.6	.2										1.8	2.5	2.0
140-160	1.8	.5										2.4	3.1	2.0
(S) 170-190	1.8											1.8	2.2	2.0
200-220	4.1	.8										4.8	2.8	2.0
230-250	8.3	3.0										11.3	3.5	3.0
(W) 260-280	11.4	2.3	.3									14.0	3.3	3.0
290-310	7.1	.5	.1									7.7	2.9	2.5
320-340	2.9	.3	.6	.1								4.0	4.3	2.0
VARIABLE														
CALM	////////////////////											43.1	////////	
TOTALS	45.3	8.8	1.8	.7								100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.0	1.5	.9								4.7	8.8	9.0
020-040	1.3	.1	.1	.4								1.9	6.4	3.0
050-070	1.7	.2	.1									2.0	3.4	2.0
(E) 080-100	1.3	.3	.3									1.9	4.2	2.5
110-130	1.4											1.4	2.2	2.0
140-160	2.0	.2										2.3	2.6	2.0
(S) 170-190	1.3	.9										2.2	3.9	4.0
200-220	5.4	3.1		.1								8.6	4.2	4.0
230-250	9.7	12.4	.9									22.9	5.1	5.0
(W) 260-280	13.4	8.8	.8									23.0	4.5	4.0
290-310	6.8	3.3	.4									10.5	4.2	4.0
320-340	3.3	1.9	.9	.3								6.5	5.7	4.0
VARIABLE														
CALM	////////////////////////////////////											12.0	////////	
TOTALS	49.0	32.2	5.0	1.7								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.6	2.4	.6								5.2	10.1	10.0
020-040	.5	.2	.5									1.3	6.8	7.5
050-070	.5	.2	.5									1.3	6.7	6.5
(E) 080-100	.5	.2	.1									.9	4.8	4.0
110-130	1.3	.2										1.5	2.9	2.5
140-160	.9	1.0										1.8	4.5	5.0
(S) 170-190	1.4	.3	.1									1.8	3.6	4.0
200-220	4.8	5.1	.6									10.5	5.4	5.0
230-250	12.9	18.4	3.0	.2								34.5	5.7	5.0
(W) 260-280	7.3	13.5	2.3	.1								23.2	6.2	6.0
290-310	2.3	2.2	.3									4.7	5.0	5.0
320-340	.9	1.9	1.0	.3								4.1	7.5	8.0
VARIABLE														
CALM	////////////////////											9.1	////////	
TOTALS	33.8	44.8	10.8	1.2								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866      STATION NAME: NORTON AFB/SAN BERNARDINO CA      PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8      MONTH: OCT      HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.1	.2									1.9	5.8	5.5
020-040	1.5	1.0	.5	.1								3.1	5.6	5.0
050-070	1.5	.4	.2									2.2	4.0	3.5
(E) 080-100	2.3	.2										2.5	2.1	2.0
110-130	2.7	.1										2.8	2.0	2.0
140-160	1.2	.1										1.3	2.5	2.0
(S) 170-190	.6											.6	2.2	2.0
200-220	3.9		.1									4.0	2.6	2.0
230-250	17.1	6.3										23.4	3.5	3.0
(W) 260-280	11.6	5.3	.1									17.0	3.8	3.0
290-310	.6	.3										1.0	3.9	4.0
320-340	.6	.8	.1	.1								1.6	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											38.6	////////////////////////////////	
TOTALS	44.2	15.6	1.2	.2								100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.5		.1								.9	6.8	6.5
020-040	1.5	.5										2.0	4.1	4.0
050-070	4.1	.3										4.4	2.5	2.0
(E) 080-100	4.1	.6	.1									4.8	2.6	2.0
110-130	4.5	.1	.2									.8	2.4	2.0
140-160	1.5	.1										1.6	2.2	2.0
(S) 170-190	.1											.1	2.0	2.0
200-220	1.2											1.2	2.6	3.0
230-250	4.8	.4										5.3	2.2	2.0
(W) 260-280	5.1	.5										5.6	3.0	3.0
290-310	.8											.8	2.6	2.0
320-340	.1	.1										.2	3.5	3.5
VARIABLE														
CALM	////////////////////											68.3	////////	
TOTALS	28.0	3.1	.3	.1								100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.7	.7	.3								2.4	7.9	8.0
020-040	1.8	.5	.2	.1								2.6	4.5	3.0
050-070	4.0	.3	.1									4.4	2.8	2.0
(E) 080-100	3.0	.3	.1									3.4	2.6	2.0
110-130	2.9	.1	.0									3.0	2.1	2.0
140-160	1.4	.2										1.7	2.7	2.0
(S) 170-190	.8	.1	.0									1.0	3.0	2.0
200-220	2.7	1.1	.1	.0								3.9	4.0	4.0
230-250	7.2	5.1	.5	.0								12.8	4.5	4.0
(W) 260-280	6.7	3.9	.4	.0								11.0	4.4	4.0
290-310	2.4	.8	.1									3.3	3.9	4.0
320-340	1.1	.7	.3	.1								2.3	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											48.2	////////////////////////////////	
TOTALS	34.8	13.8	2.5	.5								100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	2.0	2.0
020-040	.1	.2										.3	4.5	5.0
050-070	1.6											1.6	2.0	2.0
(E) 080-100	1.8	.1										1.9	2.2	2.0
110-130	1.1											1.1	1.6	2.0
140-160	.4											.4	2.0	2.0
(S) 170-190	.3											.3	2.0	1.5
200-220	2.9	1.5										4.4	3.9	4.0
230-250	10.0	6.4	.2									16.5	4.1	4.0
(W) 260-280	7.0	3.5	.1									10.5	3.8	3.0
290-310	1.7	.6										2.4	3.5	3.5
320-340	.6											.6	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											59.8	////////	
TOTALS	27.6	12.3	.3									100.0	1.5	3.0

TOTAL NUMBER OF OBSERVATIONS 1275

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.7	.3	.2								2.7	6.1	4.0
020-040	3.9	.7										4.6	3.1	3.0
050-070	9.4	1.7										11.1	3.1	3.0
(E) 080-100	6.3	.4										6.8	2.4	2.0
110-130	7.4	.3	.1									7.9	2.4	2.0
140-160	2.4	.4										2.9	2.9	2.0
(S) 170-190	.1	.1										.2	5.0	5.0
200-220	.3	.3										.7	4.2	3.5
230-250	.9	.2										1.1	3.1	2.0
(W) 260-280	.6	.2										.8	3.6	2.0
290-310	.6	.1	.2									.9	4.8	3.0
320-340	.4		1.0		.1							1.6	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											58.9	////////////////////////////////	
TOTALS	33.7	5.1	1.6	.2	.1							100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	.6	.8	.3	.1							3.0	8.2	8.0
020-040	5.1	1.0										6.1	3.0	3.0
050-070	13.1	1.1	.1									14.3	3.0	3.0
(E) 080-100	7.0	.4										7.4	2.5	2.0
110-130	6.3	.6	.1									7.0	2.5	2.0
140-160	1.7	.7	.1									2.4	3.8	3.0
(S) 170-190	.3											.3	2.7	2.0
200-220	.3											.3	1.3	1.0
230-250	1.1											1.1	2.0	2.0
(W) 260-280	.6											.6	2.6	2.0
290-310	.6	.3	.4									1.3	6.0	5.5
320-340	.6	.2	.2	.4								1.4	9.5	9.0
VARIABLE														
CALM	////////////////////////////////////											54.6	////////////////////////////////	
TOTALS	37.9	4.9	1.7	.7	.1							100.0	1.6	2.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.4	1.0	.6	.2							3.6	9.1	9.0
020-040	3.8	.9	.1									4.8	3.3	2.0
050-070	12.6	1.3										13.9	2.8	2.0
(E) 080-100	6.8	.7										7.4	2.7	2.0
110-130	5.1	.3										5.4	2.3	2.0
140-160	1.8	.2	.1	.1								2.2	3.6	2.0
(S) 170-190	.4											.4	2.8	2.5
200-220	.2	.3	.1									.7	6.5	7.5
230-250	.6	.2	.1									.9	4.1	2.5
(W) 260-280	.4	.1										.6	2.8	2.0
290-310	.7	.2	.2									1.1	5.9	4.0
320-340	.8	.1	.1	.4		.1						1.6	9.4	6.5
VARIABLE														
CALM	////////////////////											57.4	////////	
TOTALS	34.5	4.7	1.7	1.1	.2	.1						100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.8	.6	.6	.9							5.1	9.1	5.0
020-040	2.2	.1	.2		.1	.1						2.8	4.8	2.0
050-070	3.3	.3										3.7	2.6	2.0
(E) 080-100	3.9											3.9	2.3	2.0
110-130	3.0	.7										3.7	2.9	2.0
140-160	1.8	.4										2.2	3.5	3.0
(S) 170-190	1.8	.2										2.0	2.3	1.0
200-220	3.4	.8										4.2	3.1	2.0
230-250	5.7	1.3	.3		.3							7.7	4.4	3.0
(W) 260-280	4.1	.7										4.8	3.2	4.0
290-310	5.0	.3										5.3	2.6	2.0
320-340	2.0	.2	.6	.4	.1							3.3	6.9	3.0
VARIABLE														
CALM	////////////////////////////////////											51.3	////////	
TOTALS	38.5	5.8	1.7	1.0	1.4	.1						100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.2	.4	.4	.9	.1						3.1	12.6	11.5
020-040	1.4	.2	.3	.1								2.1	5.2	3.0
050-070	.8	.6	.1									1.4	4.4	4.0
(E) 080-100	1.3	.2										1.6	3.1	3.0
110-130	1.4	.3										1.8	3.4	3.0
140-160	1.9	.8	.2									2.9	4.6	3.5
(S) 170-190	1.9	.3	.1	.2								2.6	4.7	4.0
200-220	6.6	3.0										9.6	3.9	4.0
230-250	12.3	5.9	.1									18.3	4.0	4.0
(W) 260-280	10.7	5.6	.4									16.7	4.1	4.0
290-310	7.3	1.6	.3	.1								9.3	3.9	4.0
320-340	3.6	1.8	.6	.7	.6	.1	.1					7.3	7.6	5.0
VARIABLE														
CALM	////////////////////////////////////											23.3	////////////////////////////////	
TOTALS	50.2	20.5	2.5	1.5	1.5	.2	.1					100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.2	2.2	.1	.4	.1						7.1	9.5	8.0
020-040	.8	.4	.9	.2								2.3	8.0	7.0
050-070	.6	.4		.1								1.1	5.8	4.5
(E) 080-100	1.4	.2										1.7	3.4	3.0
110-130	1.0	.2										1.2	3.0	3.0
140-160	2.3	.3	.1									2.8	3.5	3.0
(S) 170-190	1.1	.3	.1									1.6	4.2	3.5
200-220	4.9	2.3	.2									7.4	4.0	3.0
230-250	13.4	9.0	.4	.1	.1							23.1	4.4	4.0
(W) 260-280	8.3	6.4	.6	.1								15.4	4.8	4.0
290-310	4.1	3.2	.2									7.6	4.5	4.0
320-340	2.4	2.8	1.1	.6	.2							7.1	7.3	6.0
VARIABLE														
CALM	////////////////////											21.6	////////	
TOTALS	41.3	28.7	5.8	1.2	.7	.1						100.0	4.1	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.1	.7	.1								2.6	6.9	6.0
020-040	1.3	.8	.1									2.2	4.5	4.0
050-070	5.4	1.1										6.6	3.2	3.0
(E) 080-100	5.9	.8										6.7	2.8	2.5
110-130	7.4	.3										7.8	2.0	2.0
140-160	4.1	.3										4.4	2.4	2.0
(S) 170-190	.6											.6	1.8	2.0
200-220	2.8	.3	.1									3.2	2.8	2.0
230-250	7.1	1.3										8.4	3.1	3.0
(W) 260-280	5.2	2.2	.1									7.6	3.7	3.5
290-310	1.6	.3	.1									2.0	4.0	3.0
320-340	.9	.6	.4	.1								2.0	6.3	5.5
VARIABLE														
CALM	////////////////////////////////////											46.0	////////////////////////////////	
TOTALS	43.0	9.1	1.5	.2								100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.6	.6	.1								2.6	6.2	4.0
020-040	3.2	.6	.1									3.9	3.5	3.0
050-070	6.9	.6										7.4	2.7	2.0
(E) 080-100	7.3	.7										8.0	2.7	2.0
110-130	7.8	.3										8.1	2.3	2.0
140-160	2.7	.2										2.9	2.3	2.0
(S) 170-190	.7											.7	2.2	2.0
200-220	.4	.1										.6	2.8	2.0
230-250	2.3											2.3	2.6	2.0
(W) 260-280	1.9	.1	.1									2.1	3.2	3.0
290-310	.3	.1										.4	4.0	3.5
320-340	.4	.3	.4	.2	.1							1.6	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											59.4	////////////////////////////////	
TOTALS	35.2	3.6	1.2	.3	.1							100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.9	.8	.3	.3	.0						3.7	8.8	8.0
020-040	2.7	.6	.2	.0	.0	.0						3.6	4.0	3.0
050-070	6.5	.9	.0	.0								7.4	3.0	3.0
(E) 080-100	5.0	.4										5.4	2.6	2.0
110-130	4.9	.4	.0									5.4	2.4	2.0
140-160	2.3	.4	.1	.0								2.8	3.2	2.0
(S) 170-190	.9	.1	.0	.0								1.0	3.5	2.0
200-220	2.4	.9	.1									3.3	3.7	3.0
230-250	5.4	2.3	.1	.0	.1							7.9	4.0	3.0
(W) 260-280	4.0	1.9	.2	.0								6.1	4.1	4.0
290-310	2.5	.8	.2	.0								3.5	4.0	3.5
320-340	1.4	.8	.6	.4	.1	.0	.0					3.2	7.8	6.0
VARIABLE														
CALM	////////////////////////////////////											46.6	////////////////////////////////	
TOTALS	39.3	10.4	2.3	.7	.5							100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	2.6	2.0
020-040	1.1											1.1	2.6	3.0
050-070	3.9	.1	.1									4.2	3.3	3.0
(E) 080-100	4.2	.5										4.7	2.9	3.0
110-130	2.6	.1										2.7	2.4	2.0
140-160	.5	.1										.6	3.8	3.0
(S) 170-190	.9											.9	2.1	2.0
200-220	3.3	1.0										4.3	3.2	2.0
230-250	7.5	3.4			.1							11.0	3.9	3.0
(W) 260-280	4.8	1.2										6.0	3.5	3.0
290-310	3.1	.2										3.3	2.6	2.0
320-340	1.2	.2										1.5	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											59.2	////////////////////////////////	
TOTALS	33.7	6.8	.1		.1							100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 817

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.9	.8	.3	.1	.1						3.5	8.6	7.0
020-040	6.0	1.3	.2	.4	.1	.1						8.2	4.6	3.0
050-070	15.6	2.3	.1									18.0	3.2	3.0
(E) 080-100	8.2	.9										9.0	2.6	2.0
110-130	5.6	.1										5.7	2.2	2.0
140-160	2.4	.1	.2	.1								2.8	3.3	2.0
(S) 170-190	.3	.1										.4	3.0	2.5
200-220	.3	.4										.8	4.1	5.0
230-250	.6	.2										.9	3.1	2.5
(W) 260-280	.2	.1										.3	3.7	4.0
290-310	.2	.1										.3	3.3	2.0
320-340	.3	.3	.1	.3								1.1	8.2	6.0
VARIABLE														
CALM	////////////////////////////////////											49.0	////////////////////////////////	
TOTALS	41.1	6.8	1.4	1.1	.2	.2						100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.6	1.6	.9	.2	.1	.1					4.6	11.2	12.0
020-040	7.7	.6	.1	.1		.1						8.7	3.8	3.0
050-070	15.5	1.9										17.4	3.2	3.0
(E) 080-100	7.3	.6	.2									8.2	2.9	2.0
110-130	6.1	.1										6.2	2.0	2.0
140-160	1.5	.2										1.7	2.8	2.0
(S) 170-190	.4											.4	2.3	2.5
200-220	.6		.1									.8	3.6	3.0
230-250	.6	.1	.1									.9	3.1	2.0
(W) 260-280	.9	.1										1.0	2.9	2.0
290-310	.1											.1	3.0	3.0
320-340	.4	.4	.5									1.4	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											48.6	////////////////////////////////	
TOTALS	42.2	4.6	2.6	1.0	.2	.2	.1					100.0	2.0	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.4	1.0	.4	.3		.1					3.5	10.0	10.0
020-040	6.3	.9	.2	.1	.1							7.6	3.7	3.0
050-070	14.1	3.3			.1							17.5	3.4	3.0
(E) 080-100	8.4	.8	.1									9.2	2.5	2.0
110-130	5.3	.4										5.7	2.4	2.0
140-160	1.0	.1										1.1	2.2	2.0
(S) 170-190	.8	.1										.9	2.3	1.5
200-220	.5											.5	2.2	2.0
230-250	.4	.2										.6	4.7	3.5
(W) 260-280	.4	.1										.5	3.4	4.0
290-310	.5	.2	.1									.9	4.4	3.0
320-340	.1	.4	.6	.3	.2							1.7	12.0	10.5
VARIABLE														
CALM	////////////////////////////////////											50.1	////////	
TOTALS	39.1	6.9	2.0	.8	.7		.1					100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.5	1.5	.6	.3							5.1	9.0	8.0
020-040	5.3	.9	.2	.4	.2							7.0	4.7	2.0
050-070	6.2	.5	.2	.2								7.2	3.1	2.0
(E) 080-100	3.7	.1										3.8	2.4	2.0
110-130	4.3	.8										5.1	2.8	2.0
140-160	3.0	.5	.1									3.7	3.0	3.0
(S) 170-190	1.2	.2										1.4	2.8	3.0
200-220	1.4	.3										1.7	3.0	2.0
230-250	3.5	.6	.1									4.3	3.2	2.0
(W) 260-280	3.2	.3	.1									3.7	3.2	3.0
290-310	2.0	.5		.1								2.7	3.8	2.0
320-340	1.9	.2	.5	.2	.2							3.1	6.5	3.0
VARIABLE														
CALM	////////////////////////////////////											51.4	////////////////////////////////	
TOTALS	37.7	5.4	2.7	1.5	.7							100.0	2.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: DEC HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.4	.6	1.9	1.7	.9							6.6	11.9	13.0
020-040		2.2	.3	.8	.6	.2							4.1	8.0	4.0
050-070		1.5	.2	.2	.2								2.2	5.1	3.0
(E) 080-100		1.4	.2										1.6	2.9	2.0
110-130		1.8	1.0	.2									3.0	4.3	4.0
140-160		1.5	1.3										2.8	4.2	3.5
(S) 170-190		1.9	.3	.1									2.4	3.2	2.5
200-220		4.8	1.7										6.6	3.7	4.0
230-250		11.0	3.0	.2	.1								14.3	3.6	3.0
(W) 260-280		8.5	2.7	.3									11.5	3.6	3.0
290-310		4.6	1.5	.3									6.5	3.8	3.0
320-340		2.3	1.8	.6	.3	.1	.1						5.3	6.9	5.0
VARIABLE															
CALM		////////////////////////////////////											33.3	////////////////////////////////	
TOTALS		42.9	14.6	4.6	2.9	1.2	.1						100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.6	2.8	1.6	.5	.4						8.0	11.9	12.0
020-040	1.0	1.2	.8	.3								3.2	7.5	8.0
050-070	1.6	.2	.2									2.0	4.0	3.0
(E) 080-100	1.6	.2										1.8	2.5	2.0
110-130	1.8	.2										2.0	2.5	2.0
140-160	4.5	1.1										5.6	3.3	3.0
(S) 170-190	2.0	.4										2.5	2.8	2.0
200-220	5.2	1.6										6.8	3.3	3.0
230-250	13.0	4.6	.3									18.0	3.7	3.0
(W) 260-280	8.1	2.0	.1									10.2	3.4	3.0
290-310	3.5	1.7	.5									5.8	4.8	4.0
320-340	3.1	3.1	1.2	.4	.1							8.0	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											26.1	////////////////////////////////	
TOTALS	46.4	17.9	5.9	2.3	.6	.4						100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.0	1.3	.2	.2	.1						4.7	8.9	8.0
020-040	3.1	1.1	.5			.1	.1					4.9	5.8	4.0
050-070	7.6	1.4	.1		.1							9.2	3.5	3.0
(E) 080-100	7.5	.8										8.3	2.6	2.0
110-130	9.7	1.1										10.8	2.5	2.0
140-160	4.2	1.1	.1									5.4	2.9	2.0
(S) 170-190	1.2											1.2	2.4	2.0
200-220	1.2	.1										1.3	2.5	2.0
230-250	3.3	.4										3.8	2.9	2.0
(W) 260-280	2.5	1.1										3.5	3.8	4.0
290-310	1.0		.2									1.2	4.8	3.0
320-340	.4	.5	1.0	.1								2.0	8.7	10.0
VARIABLE														
CALM	////////////////////////////////////											43.7	////////////////////////////////	
TOTALS	42.6	9.6	3.2	.3	.3	.2	.1					100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.6	.9	.1	.1	.1						3.4	7.2	5.5
020-040	4.3	.8	.5	.1	.4	.2						6.3	6.0	3.0
050-070	12.3	1.5	.2	.1								14.1	3.2	3.0
(E) 080-100	8.4	.9										9.2	2.6	2.0
110-130	5.6	.2	.1									5.9	2.1	2.0
140-160	1.9		.1	.1								2.2	3.3	2.0
(S) 170-190	.8											.8	2.6	2.0
200-220	.3	.1	.1									.5	4.4	3.0
230-250	.6	.1										.8	3.1	2.0
(W) 260-280	.6	.1										.8	2.7	2.0
290-310	.4											.4	2.0	2.0
320-340	.3	.4	.3	.1								1.2	7.6	6.0
VARIABLE														
CALM	////////////////////											54.4	////////	
TOTALS	37.1	4.7	2.2	.5	.5	.3						100.0	1.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.9	1.5	.7	.3	.1	.0					4.9	10.2	10.0
020-040	4.5	.9	.4	.3	.1	.1	.0					6.3	5.1	3.0
050-070	9.1	1.4	.1	.1	.0							11.0	3.3	3.0
(E) 080-100	5.8	.6	.0									6.4	2.6	2.0
110-130	5.0	.5	.0									5.6	2.5	2.0
140-160	2.5	.6	.1	.0								3.1	3.2	2.0
(S) 170-190	1.1	.1	.0									1.2	2.8	2.0
200-220	1.8	.5	.0									2.4	3.4	3.0
230-250	4.2	1.2	.1	.0								5.4	3.5	3.0
(W) 260-280	3.1	.8	.1									3.9	3.5	3.0
290-310	1.6	.5	.1	.0								2.2	4.2	3.0
320-340	1.1	.9	.6	.2	.1	.0						3.0	7.5	6.0
VARIABLE														
CALM	////////////////////////////////////											44.6	////////////////////////////////	
TOTALS	41.3	8.9	3.0	1.3	.5	.2						100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.2										.7	4.7	3.0
020-040	2.5	.2										2.7	2.8	3.0
050-070	3.5											3.5	2.6	2.0
(E) 080-100	5.2	.2										5.5	2.7	2.5
110-130	2.7	.5										3.2	2.8	2.0
140-160	1.0											1.0	3.3	3.0
(S) 170-190	2.7											2.7	2.6	2.0
200-220	4.0	2.2										6.2	4.2	4.0
230-250	6.5	2.2	.2									9.0	3.7	3.0
(W) 260-280	3.5	1.7										5.2	3.7	4.0
290-310	.2	.5										.7	4.3	5.0
320-340	.5	.2										.7	4.0	4.0
VARIABLE														
CALM	////////////////////											58.6	////////	
TOTALS	32.8	7.9	.2									100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 401

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.6	.6	.3	.2	.0	.0		.0			2.6	9.0	8.0
020-040	1.8	.4	.1	.1	.0	.0	.0					2.4	4.4	3.0
050-070	3.7	.5	.0	.0	.0							4.3	3.1	3.0
(E) 080-100	3.2	.3	.0	.0								3.5	2.7	2.0
110-130	3.1	.3	.0	.0								3.4	2.4	2.0
140-160	1.6	.3	.1	.0								1.9	3.1	2.0
(S) 170-190	.9	.2	.0	.0								1.2	3.3	3.0
200-220	2.4	1.3	.2	.0	.0							4.0	4.5	4.0
230-250	8.0	5.9	1.2	.0	.0							15.2	4.9	4.0
(W) 260-280	6.5	5.3	1.1	.0								13.0	5.1	4.0
290-310	2.5	1.2	.2	.0	.0							4.0	4.4	4.0
320-340	1.3	.5	.3	.1	.0	.0	.0					2.3	5.9	4.0
VARIABLE														
CALM	////////////////////////////////////											42.1	////////////////////////////////	
TOTALS	35.9	16.8	3.8	.5	.2							100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS: 87640

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.5	.1									.6	2.8	2.0
020-040	.6	.1									.7	2.8	3.0
050-070	1.7	.2	.0								1.9	2.8	2.0
(E) 080-100	1.9	.2									2.1	2.7	2.0
110-130	1.4	.2	.0								1.6	2.4	2.0
140-160	.6	.1	.0								.7	3.1	2.0
(S) 170-190	.9	.1	.0								1.1	2.6	2.0
200-220	3.8	1.3	.1								5.2	3.5	3.0
230-250	11.7	5.0	.2		.0						17.0	3.7	3.0
(W) 260-280	8.4	2.8	.1								11.2	3.5	3.0
290-310	2.8	.4	.0	.0							3.3	3.0	3.0
320-340	1.1	.1									1.2	2.8	2.0
VARIABLE													
CALM	////////////////////////////////////										53.4	////////////////////////////////	
TOTALS	35.4	10.6	.4								100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS: 9124



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR  
1/8 THRU 4/8.....SCATTERED  
5/8 THRU 7/8.....BROKEN  
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.8	63.8	65.1	66.2	66.6	68.2	68.5	68.9	69.0	69.0	69.0	69.4	69.4	69.4	69.4
GE 20000	63.9	64.8	67.0	68.4	69.9	70.3	71.9	72.3	72.7	72.8	72.8	72.8	73.1	73.1	73.1	73.1
GE 18000	64.4	65.4	67.5	68.9	70.4	70.9	72.5	72.8	73.2	73.3	73.3	73.3	73.7	73.7	73.7	73.7
GE 16000	64.6	65.6	67.7	69.1	70.6	71.1	72.7	73.0	73.4	73.5	73.5	73.5	73.9	73.9	73.9	73.9
GE 14000	65.5	66.5	68.6	70.0	71.5	71.9	73.7	74.0	74.4	74.5	74.5	74.5	74.8	74.8	74.8	74.8
GE 12000	68.1	69.0	71.2	72.6	74.1	74.5	76.2	76.6	77.0	77.1	77.1	77.1	77.4	77.4	77.4	77.4
GE 10000	69.0	70.0	72.2	73.5	75.1	75.5	77.2	77.5	78.0	78.1	78.1	78.1	78.4	78.4	78.4	78.4
GE 9000	69.2	70.2	72.4	73.8	75.3	75.7	77.4	77.7	78.2	78.3	78.3	78.3	78.6	78.6	78.6	78.6
GE 8000	71.1	72.0	74.2	75.6	77.1	77.5	79.2	79.6	80.3	80.4	80.4	80.4	80.8	80.8	80.8	80.8
GE 7000	71.5	72.5	74.6	76.0	77.5	78.0	79.7	80.0	80.8	80.9	80.9	80.9	81.2	81.2	81.2	81.2
GE 6000	72.4	73.3	75.5	76.9	78.4	78.8	80.5	80.9	81.6	81.7	81.7	81.7	82.0	82.0	82.0	82.0
GE 5000	73.2	74.3	76.7	78.1	79.9	80.3	82.0	82.4	83.1	83.2	83.2	83.2	83.5	83.5	83.5	83.5
GE 4500	73.9	75.4	77.8	79.2	81.1	81.5	83.2	83.5	84.3	84.4	84.4	84.4	84.7	84.7	84.7	84.7
GE 4000	74.2	75.8	78.9	80.5	82.6	83.0	84.7	85.1	85.8	85.9	85.9	85.9	86.2	86.2	86.2	86.2
GE 3500	74.7	76.6	79.7	82.0	84.1	84.5	86.2	86.6	87.3	87.4	87.4	87.4	87.7	87.7	87.7	87.7
GE 3000	76.2	78.2	81.4	83.9	86.0	86.5	88.2	88.5	89.2	89.4	89.4	89.4	89.7	89.7	89.7	89.7
GE 2500	77.6	80.1	83.4	86.0	88.2	88.6	90.3	90.6	91.4	91.5	91.5	91.5	91.8	91.8	91.8	91.8
GE 2000	78.7	81.2	85.1	87.8	90.1	90.9	92.6	92.9	93.8	93.9	93.9	93.9	94.2	94.2	94.2	94.2
GE 1800	79.1	81.7	85.7	88.5	91.0	91.7	93.4	93.8	94.6	94.7	94.7	94.7	95.1	95.1	95.1	95.1
GE 1500	79.5	82.2	86.2	89.2	91.7	92.5	94.2	94.6	95.6	95.7	95.7	95.7	96.0	96.0	96.0	96.0
GE 1200	80.2	82.9	87.3	90.5	93.0	93.8	95.7	96.3	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.7
GE 1000	80.4	83.1	87.5	91.0	93.4	94.3	96.2	96.9	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.4
GE 900	80.5	83.2	87.6	91.1	93.5	94.4	96.3	97.0	98.1	98.2	98.2	98.2	98.5	98.5	98.5	98.5
GE 800	80.5	83.2	87.6	91.1	93.5	94.4	96.3	97.0	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 700	80.5	83.2	87.6	91.1	93.5	94.5	96.5	97.1	98.4	98.5	98.5	98.5	98.8	98.8	98.8	98.8
GE 600	80.5	83.2	87.6	91.1	93.5	94.6	96.7	97.3	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.0
GE 500	80.5	83.2	87.6	91.1	93.5	94.6	96.7	97.3	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.0
GE 400	80.5	83.2	87.6	91.1	93.5	94.6	96.8	97.5	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2
GE 300	80.5	83.2	87.6	91.1	93.5	94.6	96.8	97.5	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2
GE 200	80.5	83.2	87.6	91.1	93.5	94.6	96.8	97.5	98.8	99.2	99.2	99.2	99.6	99.6	99.9	99.9
GE 100	80.5	83.2	87.6	91.1	93.5	94.6	96.8	97.5	98.8	99.2	99.2	99.4	99.7	99.7	100.0	100.0
GE 000	80.5	83.2	87.6	91.1	93.5	94.6	96.8	97.5	98.8	99.2	99.2	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.3	62.9	64.4	66.6	67.3	67.7	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	65.4	66.0	67.7	70.0	70.9	71.5	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	65.6	66.2	68.0	70.2	71.1	71.7	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	65.6	66.2	68.0	70.2	71.1	71.7	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	67.3	68.1	70.0	72.4	73.2	73.9	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	69.6	70.5	72.5	74.8	75.7	76.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 10000	70.5	71.5	73.4	75.8	76.7	77.3	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	70.5	71.5	73.4	75.8	76.7	77.3	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	71.8	72.9	74.8	77.3	78.2	78.8	80.2	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	72.0	73.1	75.1	77.6	78.5	79.1	80.5	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	72.0	73.1	75.1	77.6	78.5	79.1	80.5	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	73.4	74.6	76.7	79.2	80.8	81.5	83.0	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	74.1	75.5	77.6	80.3	81.8	82.6	84.1	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	74.5	76.0	78.4	81.2	82.8	83.5	85.1	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	76.1	77.6	80.0	82.9	84.6	85.4	86.9	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	77.2	78.9	81.4	84.8	86.6	87.4	88.9	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500	78.7	80.9	83.4	87.2	88.9	89.8	91.3	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	79.9	82.5	85.3	89.2	91.4	92.3	93.8	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	80.2	83.0	86.0	90.3	92.5	93.3	94.8	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	80.4	83.2	86.3	90.6	92.8	93.7	95.2	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	80.5	83.3	86.5	90.8	92.9	93.8	95.5	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	80.5	83.3	86.5	90.9	93.0	93.9	95.7	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	80.5	83.3	86.5	90.9	93.0	94.1	95.9	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	80.5	83.3	86.5	90.9	93.0	94.2	96.0	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	80.5	83.3	86.5	90.9	93.0	94.2	96.0	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	80.5	83.3	86.5	90.9	93.0	94.2	96.0	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	80.5	83.4	86.6	91.0	93.1	94.3	96.1	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	80.5	83.4	86.7	91.1	93.2	94.4	96.2	97.1	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	80.5	83.4	86.7	91.1	93.2	94.4	96.2	97.1	97.6	98.1	98.1	98.1	98.4	98.5	98.5	98.6
GE 200	80.5	83.4	86.7	91.1	93.2	94.4	96.2	97.1	97.8	98.3	98.4	98.4	98.8	98.9	99.0	99.1
GE 100	80.5	83.4	86.7	91.1	93.2	94.4	96.2	97.1	97.8	98.4	98.5	98.5	98.9	99.1	99.4	99.7
GE 000	80.5	83.4	86.7	91.1	93.2	94.4	96.2	97.1	97.8	98.4	98.5	98.6	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	62.2	63.2	64.2	65.6	66.5	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 20000	65.5	66.7	68.0	69.1	70.6	71.7	72.8	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000	65.9	67.1	68.4	69.6	71.1	72.2	73.2	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	65.9	67.1	68.4	69.6	71.1	72.2	73.2	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	67.8	69.4	70.8	71.9	73.4	74.5	75.6	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	69.4	70.9	72.3	73.4	75.1	76.1	77.3	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	70.8	72.4	73.9	75.1	76.7	77.7	78.9	78.9	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	71.0	72.6	74.1	75.3	76.9	78.0	79.2	79.2	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	72.0	74.1	75.6	76.8	78.4	79.6	80.9	81.0	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	72.2	74.2	75.7	77.0	78.6	79.8	81.1	81.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	72.6	74.6	76.2	77.5	79.1	80.3	81.6	81.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	73.9	75.9	77.5	78.8	80.6	82.0	83.4	83.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	75.2	77.4	79.1	80.5	82.5	84.0	85.4	85.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	75.9	78.2	80.0	81.4	83.4	84.9	86.5	86.6	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	77.3	79.8	82.0	83.5	85.6	87.1	88.6	88.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	78.6	81.1	83.3	84.9	87.2	88.7	90.2	90.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	79.7	82.3	84.6	86.3	88.7	90.2	91.7	91.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	80.5	83.1	85.6	87.7	90.6	92.2	93.7	93.9	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 1800	80.6	83.2	85.9	88.1	91.1	92.6	94.1	94.3	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6
GE 1500	81.0	83.5	86.2	88.4	91.4	92.9	94.4	94.6	95.6	95.8	95.8	95.8	95.8	95.8	95.9	96.0
GE 1200	81.0	83.5	86.3	88.5	91.5	93.0	94.5	94.7	95.9	96.2	96.2	96.2	96.2	96.2	96.3	96.5
GE 1000	81.0	83.5	86.3	88.5	91.5	93.0	94.7	94.9	96.1	96.5	96.5	96.5	96.5	96.5	96.6	96.7
GE 900	81.0	83.5	86.3	88.5	91.5	93.0	94.7	94.9	96.1	96.5	96.5	96.5	96.5	96.5	96.6	96.7
GE 800	81.0	83.5	86.5	88.7	91.7	93.2	94.9	95.2	96.3	96.8	96.8	96.8	96.8	96.8	96.9	97.0
GE 700	81.0	83.5	86.5	88.7	91.7	93.2	94.9	95.2	96.3	96.8	96.8	96.8	96.8	96.8	96.9	97.0
GE 600	81.0	83.5	86.5	88.7	91.8	93.3	95.1	95.3	96.5	96.9	96.9	96.9	96.9	96.9	97.0	97.1
GE 500	81.0	83.5	86.5	88.7	91.8	93.3	95.1	95.4	96.7	97.2	97.3	97.3	97.3	97.3	97.4	97.5
GE 400	81.0	83.5	86.5	88.7	91.8	93.3	95.1	95.5	96.8	97.5	97.6	97.6	97.6	97.6	97.7	97.8
GE 300	81.0	83.5	86.5	88.7	91.8	93.3	95.1	95.5	96.8	97.8	98.0	98.0	98.1	98.1	98.3	98.5
GE 200	81.0	83.5	86.5	88.7	91.8	93.3	95.1	95.5	96.8	97.8	98.0	98.0	98.1	98.1	98.3	98.5
GE 100	81.0	83.5	86.5	88.7	91.8	93.3	95.1	95.5	96.8	97.8	98.0	98.0	98.1	98.1	98.5	98.9
GE 000	81.0	83.5	86.5	88.7	91.8	93.3	95.1	95.5	96.8	97.8	98.0	98.0	98.1	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.9	61.6	62.5	63.7	64.4	64.8	65.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 20000	68.2	69.0	70.0	71.3	72.3	72.7	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	68.8	69.7	70.6	71.9	72.9	73.3	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	68.9	69.8	70.8	72.0	73.0	73.4	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	70.1	71.6	72.8	74.1	75.2	75.6	76.6	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	71.5	73.2	74.4	75.7	76.8	77.2	78.2	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	72.7	74.4	75.6	76.9	78.0	78.4	79.4	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 9000	72.9	74.6	75.8	77.1	78.2	78.6	79.6	80.0	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 8000	74.6	76.6	77.7	79.0	80.2	80.8	81.9	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	74.7	76.7	77.8	79.1	80.3	80.9	82.0	82.6	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	75.5	77.4	78.6	79.9	81.1	81.8	83.0	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	76.2	78.3	79.5	80.9	82.3	83.3	84.5	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	76.7	78.8	80.2	81.6	83.1	84.2	85.4	85.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	78.1	80.5	82.0	83.7	85.4	86.7	87.8	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	79.4	81.9	83.4	85.3	87.2	88.5	89.7	90.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	81.1	83.8	85.3	87.2	89.6	90.9	92.0	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	81.6	84.3	85.9	88.0	90.5	92.0	93.3	93.9	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	82.2	84.8	86.6	88.6	91.6	93.1	94.4	94.9	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	82.2	84.8	86.6	88.6	91.7	93.2	94.5	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	82.3	84.9	86.7	88.8	91.9	93.7	94.9	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.5	96.5
GE 1200	82.4	85.1	86.8	88.9	92.0	93.8	95.1	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7
GE 1000	82.4	85.1	86.8	88.9	92.0	93.9	95.2	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 900	82.4	85.1	86.8	88.9	92.0	93.9	95.2	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 800	82.4	85.1	86.8	89.1	92.3	94.1	95.4	96.0	96.7	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 700	82.4	85.1	86.8	89.1	92.3	94.1	95.5	96.1	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3
GE 600	82.4	85.1	86.8	89.1	92.3	94.2	95.6	96.2	96.9	97.3	97.4	97.4	97.4	97.4	97.5	97.5
GE 500	82.4	85.1	86.8	89.1	92.3	94.2	95.6	96.3	97.0	97.4	97.6	97.7	97.8	97.8	98.0	98.1
GE 400	82.4	85.1	86.8	89.1	92.3	94.2	95.6	96.3	97.1	97.5	97.7	98.0	98.1	98.1	98.2	98.3
GE 300	82.4	85.1	86.8	89.1	92.3	94.2	95.6	96.3	97.1	97.5	97.7	98.0	98.2	98.3	98.4	98.5
GE 200	82.4	85.1	86.8	89.1	92.3	94.2	95.6	96.3	97.1	97.5	97.7	98.0	98.2	98.3	98.4	98.7
GE 100	82.4	85.1	86.8	89.1	92.3	94.2	95.6	96.3	97.1	97.6	97.8	98.1	98.3	98.4	98.7	99.6
GE 000	82.4	85.1	86.8	89.1	92.3	94.2	95.6	96.3	97.1	97.6	97.8	98.1	98.3	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA

PERIOD OF RECORD: APR 80 - MAR 90

LST TO UTC: + 8

MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	60.1	61.7	62.8	63.9	64.4	64.7	65.8	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5
GE 20000	69.4	70.5	72.4	73.9	75.3	75.9	76.2	77.3	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0
GE 18000	70.0	71.2	73.0	74.6	76.1	76.8	77.1	78.2	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
GE 16000	70.0	71.2	73.0	74.6	76.1	76.8	77.1	78.2	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
GE 14000	71.0	72.2	74.0	75.6	77.2	77.8	78.2	79.4	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0
GE 12000	72.3	73.4	75.4	77.0	78.6	79.2	79.6	81.1	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	73.4	74.6	76.7	78.3	79.9	80.5	80.9	82.4	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0
GE 9000	73.5	74.7	76.8	78.4	80.0	80.6	81.0	82.5	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1
GE 8000	75.2	76.6	78.6	80.2	81.8	82.7	83.1	84.6	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 7000	75.3	76.7	78.8	80.5	82.2	83.0	83.4	84.9	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	76.6	78.0	80.1	81.8	83.4	84.3	84.7	86.2	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000	77.5	78.9	81.1	82.8	84.8	85.7	86.1	87.6	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	78.2	79.6	81.9	83.7	85.7	86.6	87.0	88.5	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	79.6	81.4	83.8	85.6	87.7	88.6	89.0	90.5	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	81.3	83.4	85.8	87.7	90.0	91.0	91.4	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	81.9	84.3	87.1	89.1	91.5	92.5	93.3	94.9	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	82.8	85.4	88.3	90.3	92.9	94.0	94.9	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	83.4	86.0	88.9	91.1	93.8	94.8	95.8	97.4	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	83.5	86.1	89.0	91.2	93.9	94.9	95.9	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	83.7	86.2	89.1	91.3	94.0	95.1	96.0	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	83.7	86.2	89.1	91.3	94.1	95.2	96.1	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	83.7	86.2	89.1	91.3	94.1	95.2	96.1	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	83.7	86.2	89.1	91.3	94.1	95.2	96.1	97.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.6	99.6	99.6	99.6	99.6
GE 400	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.6	99.6	99.6	99.6	99.6
GE 300	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.6	99.6	99.7	99.7	99.7
GE 200	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.6	99.6	99.7	99.7	99.7
GE 100	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.6	99.6	99.7	100.0	100.0
GE 000	83.8	86.3	89.2	91.4	94.3	95.4	96.3	98.1	98.6	99.0	99.5	99.6	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	57.5	59.4	61.0	62.6	62.9	63.5	64.4	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 20000	64.9	67.3	69.5	71.2	72.9	73.2	74.1	74.9	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	65.5	67.8	70.0	71.7	73.5	73.9	74.7	75.6	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 16000	65.5	67.8	70.1	71.8	73.7	74.0	74.8	75.7	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 14000	67.4	69.8	72.0	73.8	75.8	76.1	77.0	77.8	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000	69.0	71.5	73.9	75.6	77.7	78.1	78.9	80.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 10000	70.0	72.6	75.3	77.0	79.1	79.5	80.4	81.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000	70.2	72.8	75.5	77.2	79.4	79.7	80.6	81.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 8000	72.4	75.2	78.1	79.8	81.9	82.6	83.7	84.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000	72.4	75.2	78.1	79.9	82.0	82.7	83.8	84.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	74.1	76.9	79.8	81.6	83.8	84.4	85.5	86.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 5000	74.6	77.4	80.5	82.4	84.5	85.2	86.2	87.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500	75.3	78.3	81.5	83.4	85.6	86.2	87.3	88.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	77.0	80.1	83.3	85.3	87.4	88.1	89.1	90.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	78.5	81.6	84.8	86.8	89.0	89.8	90.9	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3000	79.4	82.5	86.1	88.2	90.6	91.4	92.7	93.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	80.3	83.4	87.1	89.1	91.7	92.5	93.8	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	80.8	83.9	87.6	89.8	92.5	93.2	94.7	96.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	80.9	84.0	87.7	90.0	92.7	93.4	94.9	96.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	81.1	84.2	88.1	90.3	93.2	94.1	95.9	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 100	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	81.2	84.4	88.4	90.8	93.8	94.7	96.6	98.3	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	60.6	63.2	65.3	66.2	67.0	67.3	68.4	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	63.3	66.3	69.1	71.2	72.4	73.2	73.8	74.9	75.4	76.0	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	63.9	66.9	69.7	71.8	73.0	73.9	74.4	75.6	76.0	76.7	76.9	76.9	76.9	76.9	76.9	76.9
GE 16000	64.0	67.1	69.9	72.0	73.2	74.2	74.7	75.9	76.3	77.0	77.2	77.2	77.2	77.2	77.2	77.2
GE 14000	65.2	68.4	71.2	73.3	74.5	75.5	76.0	77.2	77.6	78.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	66.3	69.6	72.4	74.5	75.7	76.7	77.2	78.4	78.8	79.5	79.7	79.7	79.7	79.7	79.7	79.7
GE 10000	67.7	71.1	74.2	76.3	77.5	78.5	79.0	80.5	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	67.8	71.2	74.3	76.5	77.6	78.6	79.1	80.6	81.1	81.7	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	69.8	73.2	76.5	78.6	79.8	81.1	81.6	83.1	83.5	84.2	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	70.1	73.5	76.8	78.9	80.1	81.4	81.9	83.4	83.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 6000	71.2	74.6	77.8	80.0	81.2	82.5	83.0	84.5	84.9	85.6	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	72.3	75.7	79.0	81.3	82.5	83.8	84.3	85.8	86.2	86.9	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	72.8	76.3	80.3	82.7	83.9	85.2	85.7	87.2	87.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	74.5	78.2	82.3	84.6	85.8	87.1	87.6	89.1	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	75.6	79.7	83.9	86.3	87.5	88.8	89.4	90.9	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	77.1	81.6	85.9	88.5	89.8	91.1	91.6	93.1	93.7	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	77.7	82.4	86.8	89.4	90.8	92.0	92.6	94.1	94.6	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	78.6	83.5	88.0	90.6	92.6	93.9	94.4	96.0	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	78.7	83.7	88.1	90.9	92.9	94.2	94.7	96.3	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	78.7	83.7	88.6	91.5	93.5	94.8	95.4	97.3	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	78.8	84.0	88.9	91.8	93.9	95.2	95.7	97.6	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	78.9	84.1	89.0	91.9	94.0	95.3	95.8	97.7	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	79.0	84.2	89.1	92.0	94.1	95.4	95.9	97.8	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	79.0	84.3	89.2	92.2	94.2	95.5	96.0	98.0	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	79.0	84.3	89.4	92.3	94.3	95.6	96.1	98.1	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	79.0	84.3	89.4	92.3	94.3	95.6	96.1	98.1	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	79.0	84.3	89.4	92.3	94.3	95.6	96.1	98.1	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	79.0	84.3	89.4	92.3	94.3	95.6	96.3	98.3	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	79.0	84.3	89.4	92.3	94.3	95.6	96.3	98.3	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	79.0	84.3	89.4	92.3	94.3	95.6	96.3	98.3	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	79.0	84.3	89.4	92.3	94.3	95.6	96.3	98.3	98.8	99.5	99.7	99.7	99.7	99.7	99.9	100.0
GE 000	79.0	84.3	89.4	92.3	94.3	95.6	96.3	98.3	98.8	99.5	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.8	63.5	65.9	67.4	69.2	69.6	70.3	71.1	71.5	71.8	71.8	71.8	72.2	72.2	72.2	72.2
GE 20000	64.1	65.8	68.7	70.4	72.5	72.8	73.5	74.3	74.7	75.4	75.4	75.4	75.7	75.7	75.7	75.7
GE 18000	64.6	66.3	69.2	71.1	73.1	73.4	74.2	74.9	75.4	76.0	76.0	76.0	76.3	76.3	76.3	76.3
GE 16000	64.7	66.5	69.4	71.2	73.2	73.5	74.3	75.1	75.5	76.1	76.1	76.1	76.5	76.5	76.5	76.5
GE 14000	66.0	67.7	70.6	72.5	74.5	74.8	75.6	76.3	76.8	77.4	77.4	77.4	77.7	77.7	77.7	77.7
GE 12000	67.6	69.4	72.3	74.1	76.1	76.5	77.2	78.0	78.4	79.0	79.0	79.0	79.4	79.4	79.4	79.4
GE 10000	68.5	70.2	73.2	75.1	77.1	77.4	78.2	79.1	79.6	80.2	80.2	80.2	80.5	80.5	80.5	80.5
GE 9000	68.5	70.2	73.2	75.1	77.1	77.4	78.2	79.1	79.6	80.2	80.2	80.2	80.5	80.5	80.5	80.5
GE 8000	70.9	72.7	75.7	77.6	79.8	80.1	80.9	81.9	82.4	83.0	83.0	83.0	83.3	83.3	83.3	83.3
GE 7000	71.1	72.9	75.9	77.8	80.0	80.3	81.1	82.2	82.6	83.2	83.2	83.2	83.5	83.5	83.5	83.5
GE 6000	71.4	73.3	76.5	78.4	80.5	80.9	81.6	82.7	83.1	83.8	83.8	83.8	84.1	84.1	84.1	84.1
GE 5000	72.3	74.2	77.5	79.8	81.9	82.3	83.0	84.1	84.5	85.2	85.2	85.2	85.5	85.5	85.5	85.5
GE 4500	73.1	75.2	78.8	81.1	83.2	83.5	84.3	85.4	85.8	86.5	86.5	86.5	86.8	86.8	86.8	86.8
GE 4000	73.7	75.7	79.6	81.8	84.1	84.4	85.2	86.2	86.7	87.3	87.3	87.3	87.6	87.6	87.6	87.6
GE 3500	74.3	76.8	80.6	82.9	85.4	85.7	86.5	87.5	88.0	88.6	88.6	88.6	88.9	88.9	88.9	88.9
GE 3000	76.9	79.7	83.9	86.2	88.7	89.0	89.8	90.9	91.6	92.3	92.3	92.3	92.6	92.6	92.6	92.6
GE 2500	78.4	81.2	85.4	87.8	90.3	90.6	91.4	92.5	93.2	93.9	93.9	93.9	94.2	94.2	94.2	94.2
GE 2000	79.6	82.4	86.7	89.4	92.3	92.6	93.3	94.4	95.2	95.8	95.8	95.8	96.1	96.1	96.1	96.1
GE 1800	79.9	82.7	87.1	90.2	93.2	93.5	94.3	95.4	96.1	96.8	96.8	96.8	97.1	97.1	97.1	97.1
GE 1500	80.0	82.8	87.3	90.5	93.8	94.1	94.8	96.2	97.0	97.6	97.6	97.6	98.0	98.0	98.0	98.0
GE 1200	80.3	83.1	87.6	91.1	94.5	94.8	95.6	97.0	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 1000	80.4	83.2	87.7	91.2	94.6	94.9	95.7	97.1	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 900	80.4	83.2	87.7	91.2	94.6	94.9	95.7	97.1	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 800	80.5	83.3	87.8	91.4	94.8	95.2	95.9	97.3	98.4	99.0	99.0	99.0	99.4	99.4	99.4	99.4
GE 700	80.5	83.3	88.0	91.5	94.9	95.3	96.0	97.4	98.5	99.1	99.1	99.1	99.5	99.5	99.5	99.5
GE 600	80.5	83.3	88.0	91.5	95.1	95.4	96.1	97.5	98.6	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 500	80.5	83.3	88.1	91.6	95.2	95.5	96.2	97.6	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 400	80.5	83.3	88.1	91.6	95.2	95.5	96.2	97.6	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 300	80.5	83.3	88.1	91.6	95.2	95.5	96.2	97.6	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 200	80.5	83.3	88.1	91.6	95.2	95.5	96.2	97.6	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 100	80.5	83.3	88.1	91.6	95.2	95.5	96.2	97.6	98.7	99.4	99.4	99.4	99.7	99.7	99.8	100.0
GE 000	80.5	83.3	88.1	91.6	95.2	95.5	96.2	97.6	98.7	99.4	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	61.3	63.0	64.5	65.7	66.2	67.0	67.6	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3
GE 20000	65.6	67.1	69.0	70.7	72.1	72.7	73.6	74.2	74.6	74.9	74.9	74.9	75.0	75.0	75.0	75.0
GE 18000	66.1	67.6	69.6	71.2	72.7	73.3	74.2	74.8	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6
GE 16000	66.2	67.7	69.7	71.3	72.8	73.4	74.3	74.9	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 14000	67.5	69.2	71.3	72.9	74.4	75.0	76.0	76.6	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 12000	69.2	70.9	73.0	74.7	76.2	76.8	77.8	78.5	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4
GE 10000	70.3	72.1	74.3	76.0	77.5	78.1	79.1	79.9	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7
GE 9000	70.5	72.2	74.4	76.1	77.6	78.2	79.2	80.0	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 8000	72.2	74.2	76.4	78.1	79.7	80.4	81.4	82.3	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.3
GE 7000	72.4	74.3	76.6	78.4	79.9	80.6	81.7	82.5	83.1	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 6000	73.2	75.2	77.4	79.2	80.8	81.5	82.6	83.4	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 5000	74.2	76.2	78.6	80.4	82.2	83.0	84.1	84.9	85.5	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 4500	74.9	77.1	79.7	81.6	83.4	84.2	85.3	86.2	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2
GE 4000	75.9	78.2	81.0	83.0	84.9	85.8	86.9	87.7	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	77.2	79.7	82.5	84.7	86.7	87.6	88.7	89.5	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6
GE 3000	78.5	81.3	84.3	86.6	88.8	89.7	90.8	91.7	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 2500	79.6	82.5	85.6	88.0	90.3	91.2	92.4	93.3	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 2000	80.5	83.4	86.7	89.3	91.9	92.9	94.1	95.0	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 1800	80.6	83.7	87.0	89.7	92.4	93.4	94.6	95.5	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 1500	80.8	83.8	87.3	90.1	92.8	93.8	95.1	96.2	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 1200	81.0	84.1	87.6	90.5	93.2	94.3	95.6	96.7	97.4	97.8	97.8	97.8	97.9	97.9	97.9	98.0
GE 1000	81.1	84.1	87.7	90.6	93.3	94.4	95.8	96.9	97.6	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 900	81.1	84.2	87.7	90.6	93.3	94.4	95.8	96.9	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.3
GE 800	81.1	84.2	87.8	90.7	93.5	94.6	95.9	97.1	97.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5
GE 700	81.1	84.2	87.8	90.7	93.5	94.6	96.0	97.1	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.6
GE 600	81.1	84.2	87.8	90.7	93.5	94.7	96.1	97.2	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 500	81.1	84.2	87.8	90.7	93.5	94.7	96.1	97.2	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	81.1	84.2	87.8	90.8	93.5	94.7	96.1	97.3	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0
GE 300	81.1	84.2	87.8	90.8	93.5	94.7	96.1	97.3	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.2
GE 200	81.1	84.2	87.8	90.8	93.5	94.7	96.1	97.3	98.3	98.8	98.9	99.0	99.2	99.2	99.3	99.4
GE 100	81.1	84.2	87.8	90.8	93.5	94.7	96.1	97.3	98.3	98.8	99.0	99.0	99.2	99.3	99.5	99.8
GE 000	81.1	84.2	87.8	90.8	93.5	94.7	96.1	97.3	98.3	98.8	99.0	99.0	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	59.1	61.9	63.4	64.9	65.0	66.3	66.9	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 20000	58.4	61.9	64.9	67.0	68.8	68.9	70.4	71.0	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	58.4	61.9	64.9	67.0	68.8	68.9	70.4	71.0	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	58.7	62.3	65.2	67.4	69.1	69.3	70.8	71.4	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 14000	60.4	63.9	66.9	69.0	70.9	71.2	72.8	73.4	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 12000	62.1	65.7	68.9	71.2	73.4	73.6	75.3	75.9	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	62.9	66.9	70.1	72.3	74.6	74.8	76.5	77.1	77.4	77.7	77.8	77.8	78.0	78.0	78.0	78.0
GE 9000	62.9	66.9	70.1	72.3	74.6	74.8	76.5	77.1	77.4	77.7	77.8	77.8	78.0	78.0	78.0	78.0
GE 8000	63.4	67.6	70.8	73.0	75.3	75.5	77.2	77.8	78.1	78.4	78.5	78.5	78.7	78.7	78.7	78.7
GE 7000	63.5	67.7	70.9	73.2	75.4	75.7	77.3	77.9	78.3	78.5	78.6	78.6	78.8	78.8	78.8	78.8
GE 6000	63.6	67.8	71.0	73.3	75.5	75.8	77.4	78.0	78.4	78.6	78.7	78.7	79.0	79.0	79.0	79.0
GE 5000	64.2	68.7	71.9	74.2	77.0	77.2	78.8	79.4	79.8	80.0	80.1	80.1	80.4	80.4	80.4	80.4
GE 4500	66.5	71.0	74.3	76.8	79.6	79.8	81.4	82.0	82.4	82.6	82.7	82.7	83.0	83.0	83.0	83.0
GE 4000	67.5	72.5	76.0	78.5	81.2	81.4	83.1	83.7	84.0	84.3	84.4	84.4	84.6	84.6	84.6	84.6
GE 3500	68.7	73.8	77.4	80.0	82.7	83.1	84.8	85.3	85.7	85.9	86.1	86.1	86.3	86.3	86.3	86.3
GE 3000	69.6	74.8	78.6	81.2	83.9	84.4	86.1	86.6	87.0	87.2	87.4	87.4	87.6	87.6	87.6	87.6
GE 2500	71.0	76.8	81.2	84.3	87.2	87.8	89.5	90.1	90.4	90.7	90.8	90.8	91.0	91.0	91.0	91.0
GE 2000	71.9	77.7	82.2	85.2	88.3	89.2	91.1	91.8	92.2	92.6	92.7	92.7	92.9	92.9	92.9	92.9
GE 1800	72.0	77.9	82.7	85.8	89.1	90.1	92.0	92.8	93.1	93.6	93.7	93.7	94.0	94.0	94.0	94.0
GE 1500	72.0	78.0	82.9	86.2	89.6	90.5	92.4	93.4	93.7	94.2	94.3	94.3	94.6	94.6	94.6	94.6
GE 1200	72.5	78.6	83.6	86.9	90.7	91.8	93.7	94.7	95.2	95.6	95.7	95.7	96.0	96.0	96.0	96.0
GE 1000	72.6	78.7	83.8	87.2	91.6	93.0	95.0	96.0	96.5	96.9	97.0	97.0	97.3	97.3	97.3	97.3
GE 900	72.6	78.7	83.8	87.2	91.6	93.0	95.0	96.0	96.5	97.2	97.3	97.3	97.5	97.5	97.5	97.5
GE 800	72.7	78.8	83.9	87.5	92.1	93.5	95.6	96.6	97.0	97.8	97.9	97.9	98.1	98.1	98.1	98.1
GE 700	72.7	78.8	83.9	87.5	92.1	93.5	95.6	96.6	97.2	97.9	98.2	98.2	98.5	98.5	98.5	98.5
GE 600	72.7	78.8	83.9	87.6	92.3	93.9	96.0	96.9	97.5	98.2	98.6	98.6	98.8	98.8	98.8	98.8
GE 500	72.7	78.8	83.9	87.6	92.3	94.0	96.1	97.0	97.6	98.3	98.9	98.9	99.2	99.2	99.2	99.2
GE 400	72.7	78.8	83.9	87.7	92.4	94.1	96.5	97.4	98.0	98.7	99.3	99.3	99.5	99.5	99.5	99.5
GE 300	72.7	78.8	83.9	87.7	92.4	94.2	96.6	97.6	98.2	98.9	99.5	99.5	99.8	99.8	99.8	99.8
GE 200	72.7	78.8	83.9	87.7	92.4	94.2	96.6	97.8	98.3	99.1	99.6	99.6	99.9	99.9	99.9	99.9
GE 100	72.7	78.8	83.9	87.7	92.4	94.2	96.6	97.9	98.5	99.2	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	72.7	78.8	83.9	87.7	92.4	94.2	96.6	97.9	98.5	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	59.1	60.9	62.8	64.4	64.7	65.1	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	59.3	62.4	64.3	66.4	68.4	69.1	69.6	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 18000	59.3	62.4	64.3	66.4	68.4	69.1	69.6	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	59.7	62.8	64.7	66.8	68.8	69.5	70.0	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	60.6	63.7	65.6	67.7	69.9	70.7	71.4	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	61.2	64.4	66.4	68.9	71.3	72.1	72.8	73.2	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 10000	62.2	65.4	67.4	69.9	72.3	73.2	73.9	74.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	62.2	65.4	67.4	69.9	72.3	73.2	73.9	74.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	63.0	66.2	68.2	70.7	73.2	74.0	74.7	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	63.0	66.2	68.2	70.7	73.2	74.0	74.7	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	63.2	66.4	68.4	71.0	73.5	74.3	75.1	75.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	63.9	67.1	69.1	71.7	74.6	75.4	76.1	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500	65.6	68.8	70.9	73.6	76.5	77.3	78.0	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	67.4	70.9	73.0	75.8	78.6	79.4	80.1	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	68.0	71.6	73.8	76.5	79.3	80.1	80.9	81.3	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	69.5	73.8	75.9	78.6	81.6	82.4	83.1	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	72.2	77.1	79.3	82.2	85.3	86.2	86.9	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	74.5	79.7	82.0	85.2	89.2	90.4	91.1	91.6	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	74.6	79.9	82.4	85.6	89.6	90.8	91.5	92.1	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	74.8	80.3	82.7	86.1	90.2	91.4	92.1	92.7	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	75.1	80.5	83.1	86.4	90.5	91.7	92.6	93.3	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	75.2	80.6	83.2	86.8	92.0	93.5	94.4	95.2	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	75.2	80.6	83.3	86.9	92.2	93.7	94.7	95.4	96.0	96.3	96.6	96.6	96.7	96.7	96.7	96.7
GE 800	75.2	80.6	83.3	86.9	92.2	93.9	94.9	95.6	96.2	96.6	96.8	96.8	96.9	96.9	96.9	96.9
GE 700	75.2	80.6	83.3	86.9	92.2	94.0	95.0	95.7	96.3	96.7	97.0	97.0	97.2	97.2	97.2	97.2
GE 600	75.2	80.6	83.5	87.0	92.3	94.1	95.4	96.1	96.7	97.0	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	75.3	80.7	83.7	87.2	92.7	94.8	96.1	96.8	97.4	97.8	98.1	98.1	98.5	98.5	98.5	98.5
GE 400	75.3	80.7	83.7	87.4	92.9	95.0	96.5	97.4	98.0	98.3	98.7	98.7	99.1	99.1	99.1	99.1
GE 300	75.4	80.9	83.8	87.5	93.1	95.3	96.8	97.8	98.3	98.7	99.1	99.1	99.4	99.4	99.4	99.4
GE 200	75.4	80.9	83.8	87.5	93.1	95.3	96.9	97.9	98.5	98.9	99.3	99.3	99.6	99.6	99.8	99.8
GE 100	75.4	80.9	83.8	87.5	93.1	95.3	96.9	97.9	98.5	98.9	99.3	99.3	99.9	99.9	100.0	100.0
GE 000	75.4	80.9	83.8	87.5	93.1	95.3	96.9	97.9	98.5	98.9	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	54.6	55.7	57.1	58.0	59.0	59.9	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	60.3	62.2	63.6	65.0	66.1	67.5	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1
GE 18000	60.6	62.5	63.9	65.4	66.4	67.8	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
GE 16000	61.0	62.9	64.3	65.7	66.8	68.2	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9
GE 14000	62.1	63.9	65.4	66.8	67.8	69.4	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2
GE 12000	63.0	65.0	66.5	68.2	69.4	70.9	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
GE 10000	64.7	66.7	68.2	70.0	71.3	73.0	74.3	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 9000	64.8	66.8	68.3	70.1	71.4	73.2	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.1
GE 8000	65.0	67.0	68.6	70.3	71.6	73.4	74.7	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 7000	65.0	67.0	68.6	70.3	71.6	73.4	74.7	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 6000	65.2	67.3	68.9	70.7	72.0	73.8	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.7
GE 5000	66.5	68.6	70.2	72.1	73.4	75.2	76.5	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 4500	67.7	69.9	71.7	73.9	75.2	77.0	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 4000	69.3	71.6	73.6	75.8	77.1	79.0	80.3	80.4	80.6	80.7	80.7	80.7	80.9	80.9	80.9	81.0
GE 3500	70.2	72.7	74.8	77.0	78.3	80.1	81.4	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.2
GE 3000	71.5	74.3	76.6	79.0	80.4	82.4	83.7	83.8	84.0	84.3	84.3	84.3	84.4	84.5	84.5	84.6
GE 2500	73.8	76.8	79.4	81.8	83.3	85.6	87.1	87.2	87.5	87.7	87.7	87.8	87.9	88.1	88.1	88.2
GE 2000	74.8	78.0	81.1	83.7	86.2	88.5	90.2	90.5	90.9	91.1	91.1	91.3	91.4	91.5	91.5	91.6
GE 1800	75.4	78.6	81.7	84.3	86.8	89.2	90.9	91.3	91.6	91.8	91.8	92.0	92.1	92.2	92.2	92.3
GE 1500	75.9	79.2	82.4	85.0	87.5	90.2	92.1	92.4	92.8	93.0	93.0	93.1	93.3	93.4	93.4	93.5
GE 1200	76.4	79.7	82.9	85.7	88.3	91.0	93.0	93.4	93.9	94.2	94.2	94.3	94.4	94.6	94.6	94.7
GE 1000	76.4	79.7	83.0	85.8	88.7	91.5	93.6	94.0	94.4	94.8	94.8	94.9	95.0	95.2	95.2	95.3
GE 900	76.4	79.7	83.0	85.8	88.7	91.6	93.9	94.2	94.7	95.0	95.0	95.2	95.3	95.4	95.4	95.5
GE 800	76.5	79.8	83.1	85.9	88.8	91.8	94.2	94.7	95.3	95.6	96.0	96.1	96.2	96.3	96.3	96.5
GE 700	76.5	79.8	83.1	85.9	88.9	92.0	94.6	95.0	95.6	96.0	96.3	96.5	96.6	96.7	96.7	96.8
GE 600	76.5	79.8	83.1	85.9	89.0	92.1	94.7	95.3	96.0	96.5	96.9	97.0	97.2	97.3	97.3	97.4
GE 500	76.5	79.8	83.1	85.9	89.0	92.2	94.9	95.5	96.2	96.7	97.2	97.3	97.4	97.5	97.5	97.6
GE 400	76.5	79.8	83.1	86.2	89.4	92.6	95.3	96.0	96.7	97.2	97.6	97.8	97.9	98.0	98.0	98.1
GE 300	76.5	79.8	83.1	86.2	89.4	92.6	95.3	96.2	96.9	97.5	98.1	98.2	98.6	98.7	98.8	98.9
GE 200	76.5	79.8	83.1	86.2	89.4	92.6	95.3	96.2	96.9	97.5	98.1	98.2	98.6	98.7	99.1	99.4
GE 100	76.5	79.8	83.1	86.2	89.4	92.6	95.3	96.2	96.9	97.6	98.3	98.5	99.1	99.2	99.6	100.0
GE 000	76.5	79.8	83.1	86.2	89.4	92.6	95.3	96.2	96.9	97.6	98.3	98.5	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	53.4	54.6	56.1	57.7	58.6	59.0	59.6	59.7	59.8	60.0	60.0	60.3	60.3	60.4	60.4
GE 20000	61.0	61.9	63.5	65.2	67.0	68.3	68.7	69.4	69.5	69.7	70.0	70.0	70.3	70.3	70.4	70.4
GE 18000	61.0	61.9	63.5	65.2	67.0	68.3	68.7	69.4	69.5	69.7	70.0	70.0	70.3	70.3	70.4	70.4
GE 16000	61.2	62.2	63.7	65.5	67.3	68.6	68.9	69.6	69.7	70.0	70.2	70.2	70.6	70.6	70.7	70.7
GE 14000	63.1	64.1	65.6	67.4	69.1	70.4	70.9	71.9	72.0	72.3	72.6	72.6	72.9	72.9	73.0	73.0
GE 12000	64.3	65.5	67.0	68.8	70.6	71.9	72.3	73.3	73.4	73.8	74.0	74.0	74.3	74.3	74.5	74.5
GE 10000	65.7	67.1	68.7	70.4	72.2	73.8	74.2	75.2	75.4	75.8	76.0	76.0	76.4	76.4	76.5	76.5
GE 9000	66.0	67.4	68.9	70.7	72.5	74.0	74.5	75.4	75.7	76.0	76.2	76.2	76.6	76.6	76.7	76.7
GE 8000	66.7	68.1	69.6	71.5	73.3	74.8	75.3	76.2	76.5	76.8	77.1	77.1	77.4	77.4	77.5	77.5
GE 7000	67.0	68.4	70.0	71.9	73.6	75.2	75.7	76.6	76.8	77.2	77.4	77.4	77.8	77.8	77.9	77.9
GE 6000	67.5	69.0	70.6	72.5	74.2	75.8	76.2	77.2	77.4	77.8	78.0	78.0	78.4	78.4	78.5	78.5
GE 5000	68.9	70.7	72.2	74.1	75.9	77.4	77.9	78.8	79.1	79.4	79.7	79.7	80.0	80.0	80.1	80.1
GE 4500	71.5	73.6	75.2	77.3	79.2	80.9	81.3	82.3	82.5	82.9	83.1	83.1	83.5	83.5	83.6	83.6
GE 4000	72.8	75.2	76.7	78.8	81.0	82.6	83.1	84.3	84.5	84.9	85.1	85.1	85.5	85.5	85.6	85.6
GE 3500	73.6	76.1	77.9	80.1	82.7	84.5	85.0	86.2	86.4	86.8	87.0	87.0	87.4	87.4	87.5	87.5
GE 3000	75.1	77.5	79.3	81.7	84.4	86.3	86.8	87.9	88.2	88.5	88.8	88.8	89.1	89.1	89.2	89.2
GE 2500	75.9	78.6	80.5	83.2	86.1	88.2	88.7	89.8	90.1	90.4	90.7	90.7	91.0	91.0	91.1	91.1
GE 2000	76.4	79.4	81.4	84.3	87.5	89.7	90.7	91.8	92.1	92.6	92.8	92.8	93.3	93.3	93.4	93.4
GE 1800	76.7	79.9	82.0	85.0	88.3	90.8	91.8	93.0	93.3	93.7	94.0	94.0	94.4	94.4	94.6	94.6
GE 1500	77.2	80.4	82.6	86.1	89.8	92.7	94.0	95.3	95.6	96.1	96.3	96.3	96.8	96.8	96.9	96.9
GE 1200	77.2	80.4	82.6	86.1	89.8	92.9	94.6	96.0	96.3	96.8	97.0	97.0	97.5	97.5	97.6	97.6
GE 1000	77.2	80.4	82.6	86.1	90.0	93.1	94.9	96.3	96.7	97.2	97.4	97.4	97.9	97.9	98.0	98.0
GE 900	77.2	80.4	82.6	86.1	90.0	93.1	95.2	96.6	96.9	97.4	97.6	97.6	98.1	98.1	98.2	98.2
GE 800	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	98.8	98.8	99.3	99.3	99.4	99.4
GE 700	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	98.8	98.8	99.3	99.3	99.4	99.4
GE 600	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	98.9	98.9	99.4	99.4	99.5	99.5
GE 500	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	99.1	99.1	99.5	99.5	99.6	99.6
GE 400	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	99.1	99.1	99.5	99.5	99.6	99.6
GE 300	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	99.1	99.1	99.5	99.5	99.6	99.6
GE 200	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	99.1	99.1	99.5	99.5	99.6	99.9
GE 100	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	99.1	99.1	99.5	99.6	99.8	100.0
GE 000	77.2	80.4	82.6	86.1	90.0	93.3	95.4	97.3	98.0	98.6	99.1	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	54.8	55.8	57.9	59.7	60.8	61.5	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	60.8	63.2	64.4	66.8	69.1	70.2	71.2	71.5	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	61.7	64.2	65.4	67.7	70.1	71.2	72.1	72.5	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	61.7	64.2	65.4	67.8	70.3	71.5	72.5	72.8	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9
GE 14000	63.4	66.2	67.4	70.0	72.5	73.8	74.7	75.2	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2
GE 12000	64.9	68.2	69.4	72.0	74.5	75.8	76.7	77.2	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3
GE 10000	65.6	68.9	70.1	72.8	75.3	76.6	77.5	78.0	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	65.7	69.0	70.2	72.9	75.4	76.7	77.7	78.1	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	66.9	70.2	71.6	74.3	76.8	78.1	79.1	79.7	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	67.0	70.3	71.7	74.5	77.0	78.3	79.2	79.8	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	67.3	70.6	72.0	74.7	77.2	78.5	79.4	80.0	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	69.0	72.6	74.0	77.0	79.4	80.9	81.8	82.4	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	71.5	75.4	77.0	80.0	82.5	83.9	84.9	85.5	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	73.2	77.2	78.7	82.0	84.5	85.9	86.9	87.5	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	75.5	79.7	81.7	85.1	87.7	89.1	90.2	90.8	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	77.0	81.3	83.5	87.1	90.3	91.8	92.9	93.5	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	77.4	81.9	84.2	88.2	91.6	93.1	94.3	94.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	77.8	82.3	84.5	88.7	92.4	94.2	95.4	96.0	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	77.8	82.3	84.5	88.8	92.7	94.4	95.6	96.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	78.3	83.0	85.3	89.6	93.5	95.3	96.5	97.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	78.5	83.2	85.7	90.0	93.9	95.7	96.9	97.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.8	83.6	86.1	90.3	94.2	96.1	97.4	98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	51.4	53.5	56.4	58.0	58.7	59.0	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	57.9	61.5	63.6	67.0	69.1	70.2	70.9	71.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	58.7	62.3	64.4	68.1	70.6	71.6	72.3	72.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	59.1	62.6	64.8	68.4	70.9	72.2	73.0	73.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14000	60.6	64.3	66.5	70.2	72.8	74.1	74.9	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	62.1	65.7	68.2	71.9	74.5	75.8	76.6	77.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	63.8	67.6	70.3	74.0	76.6	77.9	78.7	79.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	63.8	67.6	70.3	74.0	76.6	77.9	78.7	79.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	64.8	68.6	71.3	75.1	77.8	79.1	79.9	80.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	64.8	68.6	71.3	75.1	77.8	79.1	79.9	80.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	65.8	69.6	72.3	76.1	78.8	80.3	81.1	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	67.6	71.4	74.1	77.9	80.6	82.0	83.0	83.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	69.5	73.4	76.1	79.9	82.7	84.4	85.5	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	71.6	75.7	78.5	82.4	85.3	87.0	88.1	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	74.2	78.4	81.6	85.5	88.4	90.2	91.3	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	75.4	79.6	83.0	87.2	90.2	92.0	93.0	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	76.6	80.9	84.3	88.7	91.6	93.4	94.6	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	77.0	81.3	84.9	89.5	92.6	94.3	95.5	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	77.1	81.4	85.0	89.6	92.9	94.7	95.9	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	77.4	81.8	85.3	90.0	93.4	95.2	96.5	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	77.4	81.8	85.7	90.3	93.7	95.7	97.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.4	81.9	85.8	90.4	93.9	96.0	97.5	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	50.8	56.3	60.5	62.4	63.0	63.5	63.7	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	52.0	55.1	60.9	65.6	68.3	69.3	70.3	70.6	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	52.0	55.3	61.2	66.1	68.8	69.7	70.8	71.0	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	52.1	55.4	61.3	66.2	68.9	69.9	70.9	71.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	53.4	57.0	62.9	67.7	70.9	71.9	72.9	73.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	55.7	59.2	65.1	70.0	73.4	74.5	75.5	75.8	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 10000	57.9	61.6	67.5	72.3	75.8	76.8	77.9	78.1	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	58.4	62.1	68.0	72.8	76.2	77.3	78.4	78.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	59.0	62.6	68.6	73.4	77.0	78.0	79.1	79.3	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	59.2	62.9	68.8	73.6	77.2	78.3	79.3	79.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000	59.7	63.4	69.3	74.1	77.7	78.7	79.8	80.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	60.9	64.5	70.4	75.5	79.2	80.4	81.4	81.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	62.9	66.5	72.6	77.7	81.3	82.5	83.6	83.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	65.7	69.4	75.4	80.5	84.2	85.3	86.4	86.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	68.0	71.6	77.7	82.7	86.6	87.9	89.0	89.2	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	70.2	74.5	80.7	85.9	90.2	91.6	92.7	92.9	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	71.6	76.0	82.4	87.6	92.0	93.4	94.4	94.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	72.1	76.5	83.0	88.2	92.6	94.1	95.2	95.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	72.6	77.1	83.6	88.8	93.3	94.8	95.9	96.1	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	72.8	77.3	83.9	89.1	93.6	95.3	96.5	96.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	72.8	77.3	83.9	89.5	94.1	95.9	97.2	97.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	72.8	77.3	83.9	89.5	94.1	96.0	97.3	97.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	72.8	77.3	83.9	89.5	94.1	96.0	97.3	97.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	72.8	77.3	83.9	89.5	94.1	96.0	97.3	97.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	72.8	77.3	83.9	89.5	94.3	96.2	97.5	97.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	72.8	77.3	83.9	89.5	94.3	96.2	97.5	97.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	72.8	77.3	83.9	89.5	94.4	96.3	97.6	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	72.8	77.3	83.9	89.5	94.4	96.3	97.6	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.8	77.3	83.9	89.5	94.4	96.3	97.6	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.8	77.3	83.9	89.5	94.4	96.3	97.6	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.8	77.3	83.9	89.5	94.4	96.3	97.6	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.8	77.3	83.9	89.5	94.4	96.3	97.6	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	56.3	59.2	61.8	63.8	64.2	65.0	65.4	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	55.6	60.2	63.6	66.5	69.4	69.7	70.6	70.9	71.3	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 18000	55.6	60.2	63.6	66.5	69.4	69.7	70.6	70.9	71.3	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 16000	55.8	60.4	63.8	66.8	69.6	70.0	70.8	71.2	71.5	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 14000	57.4	62.4	65.8	68.8	71.9	72.3	73.2	73.5	73.9	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	59.0	64.1	67.8	70.8	74.1	74.6	75.4	75.8	76.1	76.8	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	60.9	66.1	69.9	72.8	76.1	76.6	77.4	77.8	78.1	78.8	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	61.1	66.3	70.1	73.0	76.4	76.8	77.7	78.0	78.4	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	61.8	67.0	70.8	73.8	77.1	77.5	78.4	78.7	79.1	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	61.9	67.1	70.9	73.9	77.2	77.7	78.5	78.8	79.2	79.9	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	62.6	67.8	71.6	74.6	77.9	78.4	79.2	79.6	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	63.6	68.9	72.7	75.8	79.3	79.8	80.6	81.0	81.3	82.0	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	65.1	70.6	74.5	77.5	81.1	81.6	82.4	82.7	83.1	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	66.9	72.6	76.5	79.6	83.1	83.7	84.5	84.9	85.2	85.9	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	68.3	74.0	77.9	81.0	84.6	85.3	86.2	86.5	86.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	69.7	75.7	79.6	82.7	86.5	87.2	88.1	88.4	88.8	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	70.8	77.0	81.1	84.3	88.1	88.8	89.6	90.0	90.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	72.6	79.1	83.6	86.9	90.9	91.8	92.7	93.0	93.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	73.0	79.8	84.3	87.8	92.0	93.0	94.0	94.3	94.7	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	73.5	80.4	84.9	88.4	92.6	93.9	94.9	95.4	95.7	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	73.8	80.6	85.1	88.8	93.0	94.6	95.7	96.2	96.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	73.8	80.6	85.3	89.2	93.7	95.3	96.5	96.9	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	73.8	80.6	85.3	89.2	93.7	95.3	96.5	96.9	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	73.8	80.6	85.3	89.4	93.9	95.4	96.6	97.0	97.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	73.9	80.7	85.5	89.7	94.2	95.7	97.0	97.5	98.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	73.9	80.7	85.6	89.8	94.3	95.9	97.2	97.6	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	73.9	80.7	85.6	89.8	94.3	95.9	97.2	97.6	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	73.9	80.7	85.6	90.1	94.6	96.2	97.5	98.0	98.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	73.9	80.7	85.6	90.1	94.6	96.2	97.5	98.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.9	80.7	85.6	90.1	94.6	96.2	97.5	98.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.9	80.7	85.6	90.1	94.6	96.2	97.5	98.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	73.9	80.7	85.6	90.1	94.6	96.2	97.5	98.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	54.9	57.2	59.5	61.1	61.7	62.4	62.8	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	58.2	61.1	63.6	66.2	68.3	69.2	70.1	70.5	71.0	71.3	71.3	71.3	71.4	71.4	71.4	71.4
GE 18000	58.4	61.3	63.9	66.6	68.7	69.6	70.4	70.9	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8
GE 16000	58.7	61.6	64.2	66.8	69.0	69.9	70.8	71.2	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 14000	60.1	63.2	65.8	68.5	70.7	71.7	72.7	73.2	73.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1
GE 12000	61.5	64.7	67.4	70.2	72.6	73.6	74.6	75.1	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.1
GE 10000	63.0	66.3	69.0	71.8	74.3	75.3	76.3	76.8	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.9
GE 9000	63.1	66.4	69.2	72.0	74.4	75.5	76.5	76.9	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.0
GE 8000	63.8	67.2	69.9	72.8	75.3	76.3	77.3	77.8	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8
GE 7000	63.9	67.3	70.1	72.9	75.4	76.4	77.4	77.9	78.5	78.8	78.9	78.9	78.9	78.9	78.9	79.0
GE 6000	64.4	67.7	70.5	73.4	75.9	76.9	77.9	78.4	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.5
GE 5000	65.6	69.1	71.8	74.8	77.4	78.5	79.5	80.0	80.6	80.9	81.0	81.0	81.0	81.0	81.1	81.1
GE 4500	67.6	71.2	74.0	77.1	79.8	80.9	81.9	82.4	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.5
GE 4000	69.3	73.1	76.1	79.2	81.9	83.1	84.1	84.6	85.2	85.5	85.5	85.5	85.6	85.6	85.7	85.7
GE 3500	70.8	74.7	77.8	81.0	83.8	85.1	86.1	86.6	87.2	87.6	87.6	87.6	87.7	87.7	87.7	87.8
GE 3000	72.3	76.4	79.6	82.9	85.9	87.3	88.3	88.8	89.5	89.8	89.8	89.8	89.9	90.0	90.0	90.0
GE 2500	73.7	78.1	81.5	85.0	88.2	89.6	90.6	91.2	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.4
GE 2000	74.6	79.2	82.8	86.5	90.0	91.5	92.7	93.3	94.0	94.4	94.4	94.5	94.6	94.6	94.6	94.6
GE 1800	74.9	79.6	83.3	87.0	90.6	92.2	93.4	94.1	94.8	95.2	95.2	95.3	95.4	95.4	95.4	95.4
GE 1500	75.2	80.0	83.8	87.5	91.3	93.0	94.4	95.1	95.7	96.1	96.2	96.2	96.4	96.4	96.4	96.4
GE 1200	75.4	80.3	84.1	87.9	91.8	93.7	95.1	95.9	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1000	75.5	80.3	84.2	88.2	92.3	94.3	95.8	96.6	97.3	97.8	97.8	97.9	98.0	98.0	98.0	98.0
GE 900	75.5	80.3	84.2	88.2	92.3	94.4	95.9	96.7	97.4	97.9	98.0	98.0	98.1	98.1	98.2	98.2
GE 800	75.5	80.4	84.3	88.2	92.4	94.5	96.1	97.0	97.8	98.2	98.4	98.4	98.5	98.5	98.6	98.6
GE 700	75.6	80.4	84.3	88.3	92.5	94.6	96.3	97.1	97.9	98.4	98.6	98.6	98.8	98.8	98.8	98.8
GE 600	75.6	80.4	84.3	88.3	92.5	94.7	96.4	97.3	98.1	98.6	98.9	98.9	99.0	99.0	99.0	99.1
GE 500	75.6	80.4	84.3	88.4	92.6	94.8	96.5	97.4	98.2	98.8	99.1	99.1	99.2	99.3	99.3	99.3
GE 400	75.6	80.4	84.3	88.4	92.7	94.9	96.7	97.6	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5
GE 300	75.6	80.4	84.4	88.5	92.7	95.0	96.8	97.7	98.6	99.1	99.5	99.5	99.7	99.7	99.7	99.7
GE 200	75.6	80.4	84.4	88.5	92.7	95.0	96.8	97.8	98.6	99.2	99.5	99.5	99.7	99.7	99.8	99.9
GE 100	75.6	80.4	84.4	88.5	92.7	95.0	96.8	97.8	98.6	99.2	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	75.6	80.4	84.4	88.5	92.7	95.0	96.8	97.8	98.6	99.2	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	45.9	48.5	51.3	55.3	56.5	58.2	58.8	59.1	59.8	60.0	60.0	60.2	60.2	60.2	60.2
GE 20000	44.5	47.6	50.3	53.1	57.3	58.5	60.3	61.0	61.3	61.9	62.2	62.2	62.4	62.4	62.4	62.4
GE 18000	44.5	47.6	50.3	53.2	57.4	58.6	60.4	61.1	61.4	62.0	62.3	62.3	62.5	62.5	62.5	62.5
GE 16000	44.5	47.6	50.3	53.2	57.4	58.6	60.4	61.1	61.4	62.0	62.3	62.3	62.5	62.5	62.5	62.5
GE 14000	45.1	48.4	51.3	54.2	58.4	59.6	61.4	62.0	62.4	63.0	63.2	63.2	63.4	63.4	63.4	63.4
GE 12000	45.4	48.7	51.7	54.6	58.8	60.0	61.9	62.6	62.9	63.5	63.8	63.8	64.0	64.0	64.0	64.0
GE 10000	46.5	49.8	52.8	55.7	60.5	61.7	63.7	64.3	64.6	65.3	65.5	65.5	65.7	65.7	65.7	65.7
GE 9000	46.6	49.9	52.9	55.8	60.6	61.8	63.8	64.5	64.8	65.5	65.7	65.7	65.9	65.9	65.9	65.9
GE 8000	47.4	50.8	53.9	56.8	61.6	62.8	64.7	65.5	65.8	66.5	66.7	66.7	66.9	66.9	66.9	66.9
GE 7000	47.5	50.9	54.0	56.9	61.7	62.9	64.8	65.6	65.9	66.6	66.8	66.8	67.0	67.0	67.0	67.0
GE 6000	47.7	51.1	54.2	57.1	61.9	63.1	65.1	65.8	66.1	66.8	67.0	67.0	67.2	67.2	67.2	67.2
GE 5000	49.0	52.6	55.9	58.8	63.7	64.8	66.8	67.5	67.8	68.5	68.7	68.7	68.9	68.9	68.9	68.9
GE 4500	52.5	56.0	59.4	62.4	67.2	68.4	70.3	71.1	71.4	72.0	72.3	72.3	72.5	72.5	72.5	72.5
GE 4000	55.1	58.8	62.3	65.3	70.2	71.4	73.3	74.1	74.4	75.1	75.3	75.3	75.5	75.5	75.5	75.5
GE 3500	58.2	62.2	66.0	69.1	74.1	75.3	77.2	78.0	78.3	78.9	79.1	79.1	79.4	79.4	79.4	79.4
GE 3000	60.5	64.9	68.8	72.4	77.3	78.5	80.4	81.2	81.5	82.2	82.4	82.4	82.6	82.6	82.6	82.6
GE 2500	63.2	67.8	72.0	75.8	81.1	82.4	84.4	85.2	85.5	86.2	86.5	86.5	86.7	86.7	86.7	86.7
GE 2000	65.5	70.3	74.9	79.4	84.7	86.0	88.2	89.0	89.4	90.2	90.4	90.4	90.6	90.6	90.6	90.6
GE 1800	66.6	71.4	76.3	81.0	86.5	87.7	89.9	90.8	91.1	92.0	92.3	92.3	92.5	92.5	92.5	92.5
GE 1500	67.5	72.6	77.6	82.4	88.2	89.5	91.6	92.5	92.8	93.8	94.0	94.0	94.2	94.2	94.2	94.2
GE 1200	68.4	73.8	79.0	84.0	89.8	91.1	93.3	94.2	94.5	95.5	95.7	95.7	95.9	95.9	95.9	95.9
GE 1000	68.4	73.9	79.1	84.2	90.1	91.7	94.2	95.1	95.7	96.7	96.9	96.9	97.1	97.1	97.1	97.1
GE 900	68.4	73.9	79.2	84.3	90.3	92.3	94.9	95.8	96.5	97.4	97.6	97.6	97.8	97.8	97.8	97.8
GE 800	68.4	73.9	79.2	84.3	90.4	92.5	95.2	96.1	96.9	97.8	98.1	98.1	98.3	98.3	98.3	98.3
GE 700	68.4	73.9	79.2	84.3	90.4	92.5	95.2	96.1	96.9	97.8	98.1	98.2	98.4	98.4	98.4	98.4
GE 600	68.4	73.9	79.2	84.3	90.5	92.6	95.4	96.5	97.4	98.4	98.6	98.7	98.9	98.9	98.9	98.9
GE 500	68.4	73.9	79.2	84.3	90.5	92.6	95.4	96.7	97.6	98.6	98.8	99.0	99.2	99.2	99.2	99.2
GE 400	68.4	73.9	79.2	84.3	90.5	92.6	95.4	96.7	97.6	98.8	99.1	99.4	99.6	99.6	99.6	99.6
GE 300	68.4	73.9	79.2	84.3	90.5	92.6	95.4	96.7	97.6	98.8	99.1	99.4	99.6	99.7	99.8	99.8
GE 200	68.4	73.9	79.2	84.3	90.5	92.6	95.4	96.7	97.6	98.8	99.1	99.4	99.6	99.7	99.9	99.9
GE 100	68.4	73.9	79.2	84.3	90.5	92.6	95.4	96.7	97.6	98.8	99.1	99.4	99.6	99.7	99.9	99.9
GE 000	68.4	73.9	79.2	84.3	90.5	92.6	95.4	96.7	97.6	98.8	99.1	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	50.6	52.5	55.5	58.5	59.2	59.9	60.4	60.5	61.1	61.2	61.2	61.4	61.4	61.4	61.4
GE 20000	48.5	51.6	53.7	56.8	59.9	60.6	61.3	61.8	62.0	62.6	62.7	62.7	62.9	62.9	62.9	62.9
GE 18000	48.7	51.8	53.9	57.0	60.1	60.9	61.5	62.0	62.3	62.8	62.9	62.9	63.1	63.1	63.1	63.1
GE 16000	48.7	51.8	53.9	57.0	60.1	60.9	61.5	62.0	62.3	62.8	62.9	62.9	63.1	63.1	63.1	63.1
GE 14000	49.4	52.8	54.8	58.0	61.1	61.8	62.5	63.0	63.2	63.8	63.9	63.9	64.1	64.1	64.1	64.1
GE 12000	49.8	53.2	55.3	58.4	61.5	62.3	62.9	63.4	63.7	64.2	64.3	64.3	64.5	64.5	64.5	64.5
GE 10000	50.8	54.3	56.3	59.5	63.0	63.8	64.6	65.2	65.4	65.9	66.0	66.0	66.2	66.2	66.2	66.2
GE 9000	50.8	54.3	56.3	59.5	63.0	63.8	64.6	65.2	65.4	65.9	66.0	66.0	66.2	66.2	66.2	66.2
GE 8000	51.9	55.7	57.7	60.9	64.4	65.2	66.0	66.6	66.8	67.3	67.4	67.4	67.6	67.6	67.6	67.6
GE 7000	51.9	55.7	57.7	60.9	64.4	65.2	66.0	66.6	66.8	67.3	67.4	67.4	67.6	67.6	67.6	67.6
GE 6000	51.9	55.7	57.7	60.9	64.4	65.2	66.0	66.6	66.8	67.3	67.4	67.4	67.6	67.6	67.6	67.6
GE 5000	53.1	56.9	59.1	62.4	65.9	66.7	67.5	68.1	68.3	68.8	68.9	68.9	69.1	69.1	69.1	69.1
GE 4500	55.4	59.2	61.5	64.9	68.5	69.2	70.1	70.6	70.9	71.4	71.5	71.5	71.7	71.7	71.7	71.7
GE 4000	57.3	61.2	63.4	66.9	70.4	71.2	72.0	72.6	72.8	73.3	73.4	73.4	73.7	73.7	73.7	73.7
GE 3500	59.4	63.4	65.9	69.5	73.3	74.1	74.9	75.5	75.7	76.2	76.3	76.3	76.6	76.6	76.6	76.6
GE 3000	61.7	66.0	68.8	72.8	76.9	77.6	78.5	79.0	79.2	79.8	79.9	79.9	80.1	80.1	80.1	80.1
GE 2500	63.4	67.8	71.1	75.6	80.1	80.9	81.7	82.3	82.5	83.1	83.2	83.2	83.4	83.4	83.4	83.4
GE 2000	66.6	71.1	74.4	79.4	84.5	85.3	86.5	87.0	87.2	87.8	88.1	88.1	88.3	88.3	88.3	88.3
GE 1800	67.5	72.2	75.5	80.6	85.8	86.7	87.8	88.4	88.6	89.2	89.5	89.5	89.7	89.7	89.7	89.7
GE 1500	68.0	73.0	76.5	82.2	87.6	88.6	89.8	90.3	90.5	91.2	91.4	91.4	91.6	91.6	91.6	91.6
GE 1200	68.7	74.1	77.7	83.4	88.9	89.9	91.1	91.6	91.8	92.5	92.7	92.7	92.9	92.9	92.9	92.9
GE 1000	68.9	74.4	78.1	84.1	89.7	91.0	92.2	92.7	93.2	93.9	94.1	94.1	94.3	94.3	94.3	94.3
GE 900	68.9	74.4	78.1	84.1	89.7	91.3	92.5	93.0	93.5	94.2	94.4	94.4	94.6	94.6	94.6	94.6
GE 800	69.1	74.7	78.5	84.5	90.1	91.7	92.9	93.4	94.2	94.8	95.2	95.2	95.4	95.4	95.4	95.4
GE 700	69.2	74.8	78.6	84.7	90.5	92.2	93.3	93.9	94.9	95.6	95.9	95.9	96.1	96.1	96.1	96.1
GE 600	69.2	74.8	78.6	84.8	90.6	92.4	93.8	94.3	95.4	96.0	96.3	96.3	96.6	96.6	96.6	96.6
GE 500	69.4	74.9	78.7	84.9	90.8	92.7	94.1	94.7	96.0	96.8	97.1	97.1	97.5	97.5	97.5	97.5
GE 400	69.5	75.1	78.8	85.3	91.1	93.0	94.4	95.4	96.8	97.7	98.1	98.1	98.5	98.5	98.5	98.5
GE 300	69.5	75.1	78.8	85.3	91.1	93.0	94.4	95.4	96.8	98.0	98.3	98.3	98.7	98.7	98.7	98.9
GE 200	69.5	75.1	78.8	85.3	91.1	93.0	94.4	95.4	96.8	98.0	98.3	98.3	98.8	98.8	99.0	99.2
GE 100	69.5	75.1	78.8	85.3	91.1	93.0	94.4	95.4	96.8	98.0	98.3	98.3	98.8	98.8	99.1	100.0
GE 000	69.5	75.1	78.8	85.3	91.1	93.0	94.4	95.4	96.8	98.0	98.3	98.3	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	44.4	47.8	50.9	52.7	53.3	54.2	54.8	55.4	55.7	55.8	55.9	56.0	56.0	56.0	56.0
GE 20000	44.4	46.7	50.2	53.4	55.5	56.3	57.3	58.0	58.7	59.0	59.1	59.2	59.4	59.4	59.4	59.4
GE 18000	44.8	47.1	50.6	53.9	55.9	56.8	57.7	58.4	59.1	59.5	59.6	59.7	59.8	59.8	59.8	59.8
GE 16000	44.8	47.1	50.6	54.0	56.0	56.9	57.8	58.5	59.2	59.6	59.7	59.8	59.9	59.9	59.9	59.9
GE 14000	45.5	47.7	51.6	55.4	57.4	58.3	59.2	59.9	60.6	61.0	61.1	61.2	61.3	61.3	61.3	61.3
GE 12000	46.1	48.4	52.3	56.1	58.2	59.1	60.3	61.0	61.7	62.0	62.2	62.3	62.4	62.4	62.4	62.4
GE 10000	46.8	49.2	53.1	57.0	59.2	60.2	61.6	62.3	63.0	63.3	63.4	63.5	63.7	63.7	63.7	63.7
GE 9000	47.1	49.6	53.4	57.3	59.6	60.5	61.9	62.6	63.3	63.7	63.8	63.9	64.0	64.0	64.0	64.0
GE 8000	47.8	50.3	54.3	58.7	61.1	62.3	63.7	64.3	65.1	65.4	65.5	65.6	65.7	65.7	65.7	65.7
GE 7000	48.2	50.6	54.6	59.0	61.4	62.6	64.0	64.6	65.4	65.7	65.8	65.9	66.0	66.0	66.0	66.0
GE 6000	48.3	50.8	54.7	59.1	61.5	62.7	64.1	64.7	65.5	65.8	65.9	66.0	66.1	66.1	66.1	66.1
GE 5000	49.2	51.9	55.9	60.3	62.8	64.0	65.6	66.2	67.0	67.3	67.4	67.5	67.6	67.6	67.6	67.6
GE 4500	51.1	54.0	58.3	62.7	65.5	66.7	68.3	68.9	69.7	70.0	70.1	70.2	70.3	70.3	70.3	70.3
GE 4000	54.2	57.2	61.9	66.6	69.5	70.6	72.3	72.9	73.7	74.0	74.1	74.2	74.3	74.3	74.3	74.3
GE 3500	56.0	59.4	64.4	69.1	72.3	73.4	75.2	75.8	76.6	76.9	77.0	77.1	77.2	77.2	77.2	77.2
GE 3000	58.3	62.2	67.7	72.6	76.5	78.2	80.2	80.9	81.6	81.9	82.0	82.2	82.3	82.3	82.3	82.3
GE 2500	59.5	63.5	69.8	74.8	79.0	81.0	83.2	83.9	84.6	84.9	85.1	85.2	85.3	85.3	85.3	85.3
GE 2000	60.9	65.1	71.6	77.1	82.0	84.4	86.9	87.5	88.4	88.8	88.9	89.0	89.1	89.1	89.1	89.1
GE 1800	61.3	65.7	72.4	77.8	82.9	85.3	87.7	88.4	89.2	89.7	89.8	89.9	90.0	90.0	90.0	90.0
GE 1500	61.4	65.8	72.6	78.3	83.7	86.1	88.8	89.6	90.4	90.9	91.0	91.1	91.2	91.2	91.2	91.2
GE 1200	61.9	66.3	74.0	79.9	85.6	88.3	91.2	92.0	93.0	93.5	93.7	93.8	93.9	93.9	93.9	93.9
GE 1000	62.0	66.5	74.1	80.1	86.0	88.9	91.9	93.0	94.4	94.9	95.1	95.4	95.5	95.5	95.5	95.5
GE 900	62.0	66.5	74.1	80.1	86.2	89.1	92.2	93.2	94.8	95.4	95.5	95.8	95.9	95.9	95.9	95.9
GE 800	62.0	66.5	74.1	80.1	86.2	89.1	92.2	93.2	94.8	95.4	95.5	95.8	95.9	95.9	95.9	95.9
GE 700	62.0	66.5	74.1	80.2	86.5	89.4	92.4	93.4	95.2	95.8	95.9	96.2	96.3	96.3	96.3	96.3
GE 600	62.0	66.5	74.1	80.2	86.5	89.4	92.4	93.4	95.2	95.8	96.0	96.3	96.5	96.5	96.5	96.5
GE 500	62.2	66.6	74.2	80.4	86.8	89.7	92.7	93.8	95.5	96.2	96.7	97.0	97.4	97.4	97.4	97.4
GE 400	62.2	66.6	74.3	80.5	86.9	89.8	93.0	94.2	96.0	96.8	97.2	97.5	98.0	98.0	98.0	98.0
GE 300	62.2	66.6	74.3	80.5	86.9	89.8	93.0	94.3	96.1	97.0	97.4	97.8	98.4	98.4	98.7	98.8
GE 200	62.2	66.6	74.3	80.5	86.9	89.8	93.0	94.3	96.1	97.0	97.6	98.1	98.6	98.6	99.1	99.4
GE 100	62.2	66.6	74.3	80.5	86.9	89.8	93.0	94.3	96.1	97.0	97.6	98.1	98.7	98.7	99.5	99.9
GE 000	62.2	66.6	74.3	80.5	86.9	89.8	93.0	94.3	96.1	97.0	97.6	98.1	98.7	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.9	43.7	48.1	51.5	54.0	56.0	56.8	57.3	57.5	58.2	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	44.4	47.6	52.2	55.7	58.4	60.6	61.5	62.0	62.3	62.9	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	44.6	47.8	52.4	55.9	58.6	60.9	61.7	62.3	62.5	63.1	63.2	63.2	63.2	63.2	63.2	63.2
GE 16000	44.9	48.2	52.7	56.2	58.9	61.2	62.0	62.6	62.8	63.4	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	46.2	49.6	54.2	57.8	60.8	63.0	63.9	64.4	64.8	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	46.6	49.9	54.5	58.2	61.1	63.3	64.3	64.8	65.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	47.4	50.8	55.5	59.1	62.4	64.7	65.8	66.3	66.9	67.5	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	47.4	50.8	55.5	59.1	62.4	64.7	65.8	66.3	66.9	67.5	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	48.0	51.3	56.0	59.8	63.1	65.5	66.6	67.1	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	48.2	51.7	56.5	60.2	63.5	65.9	67.0	67.5	68.1	68.7	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	48.5	52.2	56.9	60.6	64.0	66.3	67.5	68.2	68.7	69.4	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	49.9	53.7	58.6	62.5	65.9	68.5	69.9	70.6	71.2	71.8	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	52.6	56.3	61.3	65.3	69.2	71.9	73.3	74.3	74.9	75.6	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	55.6	59.5	64.6	68.7	72.8	75.5	76.9	77.8	78.5	79.1	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	59.4	63.4	69.0	73.4	78.7	81.5	83.0	84.0	84.7	85.4	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	61.6	66.1	72.0	77.0	82.8	85.7	87.7	88.9	89.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	62.3	66.8	73.0	78.0	83.8	86.7	88.7	89.9	90.6	91.3	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	62.6	67.4	74.0	79.4	85.4	88.7	91.0	92.2	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	62.8	67.6	74.2	79.6	85.7	89.2	91.6	92.8	93.5	94.2	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	62.9	67.7	74.3	79.8	86.2	89.9	92.6	94.0	94.7	95.4	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	63.1	68.2	74.7	80.3	86.8	90.6	93.9	95.5	96.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	63.1	68.2	74.7	80.3	86.8	90.8	94.2	95.8	97.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	63.1	68.2	74.7	80.3	86.8	90.8	94.3	95.9	97.2	98.1	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	63.1	68.2	74.7	80.3	86.8	90.8	94.4	96.0	97.4	98.4	98.9	98.9	99.0	99.0	99.0	99.0
GE 700	63.1	68.2	74.7	80.3	86.8	90.8	94.4	96.0	97.4	98.5	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	63.1	68.2	74.7	80.3	86.9	90.9	94.5	96.1	97.5	98.6	99.1	99.2	99.4	99.4	99.4	99.4
GE 500	63.1	68.2	74.7	80.3	86.9	90.9	94.5	96.1	97.5	98.6	99.2	99.4	99.7	99.8	99.8	99.8
GE 400	63.1	68.2	74.7	80.3	86.9	90.9	94.5	96.1	97.5	98.6	99.2	99.4	99.7	99.8	99.8	99.8
GE 300	63.1	68.2	74.7	80.3	86.9	90.9	94.5	96.1	97.5	98.6	99.2	99.4	99.7	100.0	100.0	100.0
GE 200	63.1	68.2	74.7	80.3	86.9	90.9	94.5	96.1	97.5	98.6	99.2	99.4	99.7	100.0	100.0	100.0
GE 100	63.1	68.2	74.7	80.3	86.9	90.9	94.5	96.1	97.5	98.6	99.2	99.4	99.7	100.0	100.0	100.0
GE 000	63.1	68.2	74.7	80.3	86.9	90.9	94.5	96.1	97.5	98.6	99.2	99.4	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	44.7	47.2	51.6	55.2	56.6	57.4	57.8	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	47.6	50.6	53.7	58.7	62.7	64.2	65.1	65.5	66.0	66.2	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	48.0	51.1	54.1	59.1	63.1	64.6	65.5	65.9	66.5	66.7	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	48.2	51.3	54.3	59.4	63.3	64.8	65.7	66.1	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	49.2	52.5	55.7	60.8	64.7	66.2	67.1	67.7	68.4	68.6	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	49.5	52.7	55.9	61.0	64.9	66.5	67.3	68.2	68.8	69.0	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	50.4	53.8	57.1	62.3	66.3	67.8	69.0	70.0	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	50.4	53.8	57.1	62.3	66.3	67.8	69.0	70.0	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	51.7	55.1	58.4	63.5	67.6	69.1	70.3	71.3	72.2	72.4	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	51.7	55.1	58.4	63.5	67.6	69.1	70.3	71.3	72.2	72.4	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	52.4	55.7	59.0	64.4	68.5	70.0	71.2	72.2	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	55.3	59.0	62.6	68.5	72.8	74.4	75.6	76.6	77.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	57.6	61.5	65.2	71.2	75.9	77.5	78.8	79.8	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	60.5	64.4	68.2	74.4	79.2	81.1	82.5	83.8	84.6	84.8	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	63.7	67.8	72.6	79.1	84.4	86.5	87.8	89.1	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	66.3	70.9	75.7	82.8	88.1	90.1	91.5	92.8	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	67.3	71.9	77.2	84.4	89.7	91.7	93.1	94.5	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	67.7	72.6	78.0	85.2	90.4	92.9	94.7	96.1	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	67.7	72.6	78.0	85.2	90.4	92.9	95.1	96.5	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	67.7	72.7	78.2	85.5	90.9	93.3	95.8	97.2	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	68.0	72.9	78.4	85.7	91.1	93.5	96.1	97.5	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	68.1	73.0	78.5	85.8	91.2	93.7	96.3	97.8	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	68.2	73.1	78.6	85.9	91.3	93.8	96.5	98.0	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.9	42.7	45.8	49.2	52.9	54.0	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	43.8	49.9	54.1	58.4	62.5	63.9	65.2	65.5	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	44.0	50.2	54.4	58.8	62.9	64.3	65.6	65.9	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	44.0	50.2	54.4	58.8	62.9	64.3	65.6	65.9	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	45.5	51.8	56.3	60.7	65.1	66.5	67.8	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	46.3	52.7	57.2	61.7	66.3	67.8	69.2	69.5	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8
GE 10000	48.5	54.8	59.4	63.9	68.5	70.0	71.4	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	48.5	54.8	59.4	63.9	68.5	70.0	71.4	72.2	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	48.9	55.4	60.2	64.9	69.6	71.1	72.5	73.3	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8
GE 7000	49.0	55.5	60.3	65.0	69.7	71.2	72.6	73.4	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	50.1	56.7	61.5	66.3	71.0	72.5	73.9	74.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2
GE 5000	54.1	60.8	65.9	71.0	76.1	77.7	79.1	79.8	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	56.7	63.6	68.9	74.0	79.3	81.0	82.4	83.2	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	60.5	67.5	73.1	78.4	84.1	86.2	87.6	88.4	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	62.6	69.8	76.1	81.6	87.5	89.8	91.3	92.0	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	64.8	72.2	79.0	84.5	90.4	92.7	94.2	94.9	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	65.1	72.7	79.6	85.2	91.2	93.5	95.0	95.8	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	65.5	73.2	80.2	85.8	91.8	94.5	96.1	96.9	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	65.6	73.3	80.4	86.0	92.0	94.7	96.4	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	65.7	73.6	80.9	86.6	92.7	95.6	97.3	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	65.7	73.6	80.9	86.7	92.8	95.7	97.6	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.7	73.6	80.9	86.7	92.8	95.8	97.7	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	48.1	51.3	53.9	57.4	58.5	59.5	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	45.1	50.8	54.6	57.5	61.4	62.8	64.1	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	45.4	51.1	54.9	57.8	61.7	63.1	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	45.4	51.1	54.9	57.8	61.7	63.1	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	46.7	52.6	56.5	59.4	63.4	64.8	66.1	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	47.7	53.7	57.7	60.6	64.8	66.2	67.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	48.7	54.8	58.8	61.9	66.6	68.1	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	48.8	54.9	58.9	62.0	66.8	68.3	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	50.6	56.9	60.9	64.1	68.8	70.3	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	50.9	57.2	61.3	64.5	69.4	70.9	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000	51.3	57.6	61.7	64.9	69.8	71.3	72.7	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	53.2	59.7	63.9	67.2	72.1	73.6	75.0	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	56.9	63.5	68.3	71.7	76.7	78.2	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	60.2	67.2	72.1	75.6	80.7	82.3	83.7	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	63.9	71.2	76.5	80.2	85.4	87.1	88.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	66.3	74.1	79.6	83.5	89.4	91.2	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	66.8	74.6	80.3	84.3	90.3	92.1	93.7	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	67.4	75.5	81.6	86.0	92.4	94.3	96.0	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	67.6	75.8	82.0	86.4	93.0	94.9	96.7	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	68.2	76.4	82.5	87.2	93.9	95.9	97.6	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	68.2	76.4	82.5	87.2	94.2	96.2	98.1	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.2	76.4	82.5	87.2	94.4	96.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	48.4	51.9	54.4	57.8	58.7	60.0	60.3	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	46.4	50.5	54.3	56.7	60.3	61.2	62.5	63.0	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	46.5	50.6	54.4	56.9	60.4	61.3	62.6	63.1	63.6	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	46.5	50.6	54.4	56.9	60.4	61.3	62.6	63.1	63.6	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	47.2	51.8	55.6	58.0	61.6	62.5	63.8	64.3	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	47.8	52.3	56.1	58.6	62.2	63.1	64.4	64.9	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	49.8	54.4	58.1	60.8	65.0	65.9	67.2	67.7	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	49.8	54.4	58.1	60.8	65.0	65.9	67.2	67.7	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	50.8	55.6	59.3	62.0	66.2	67.1	68.4	68.9	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	51.0	55.8	59.5	62.2	66.5	67.3	68.6	69.1	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 6000	51.6	56.3	60.1	62.8	67.0	67.9	69.1	69.8	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8
GE 5000	53.0	57.8	61.6	64.3	68.5	69.4	70.7	71.3	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	56.5	61.4	65.5	68.2	72.4	73.2	74.5	75.2	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	59.4	64.4	68.6	71.3	75.6	76.5	77.8	78.4	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	63.4	68.4	72.7	75.5	79.8	80.7	82.0	82.6	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	66.5	72.0	76.8	79.6	83.9	84.8	86.1	86.7	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	69.0	75.0	79.8	82.6	87.1	88.0	89.3	90.0	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	70.8	77.0	82.1	85.1	89.9	90.9	92.2	92.9	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	71.2	77.7	83.1	86.2	91.4	92.6	93.9	94.5	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	71.8	78.3	83.8	87.1	92.6	93.7	95.0	95.8	96.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	72.1	78.5	84.1	87.5	93.2	94.5	95.8	96.5	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	72.4	79.0	84.7	88.0	94.0	95.4	96.9	97.8	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	72.4	79.0	84.7	88.1	94.1	95.5	97.0	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.4	79.0	84.8	88.2	94.2	95.6	97.1	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	46.1	49.1	52.3	55.5	56.6	57.6	58.0	58.3	58.7	58.8	58.8	58.9	58.9	58.9	58.9
GE 20000	45.6	49.4	52.9	56.3	59.7	61.0	62.2	62.6	63.0	63.3	63.5	63.5	63.6	63.6	63.6	63.6
GE 18000	45.8	49.7	53.1	56.6	60.0	61.3	62.4	62.9	63.3	63.6	63.8	63.8	63.9	63.9	63.9	63.9
GE 16000	45.9	49.7	53.2	56.7	60.1	61.4	62.5	63.0	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	46.9	50.9	54.5	58.0	61.6	62.8	64.0	64.5	64.9	65.2	65.4	65.4	65.5	65.5	65.5	65.5
GE 12000	47.4	51.5	55.1	58.7	62.2	63.5	64.7	65.3	65.7	66.0	66.2	66.2	66.3	66.3	66.3	66.3
GE 10000	48.6	52.7	56.4	60.0	64.0	65.3	66.6	67.2	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3
GE 9000	48.7	52.8	56.5	60.1	64.0	65.4	66.7	67.3	67.8	68.1	68.3	68.3	68.4	68.4	68.4	68.4
GE 8000	49.7	53.9	57.6	61.3	65.3	66.7	68.0	68.6	69.1	69.4	69.6	69.6	69.7	69.7	69.7	69.7
GE 7000	49.8	54.1	57.8	61.5	65.5	66.9	68.2	68.8	69.3	69.7	69.8	69.8	69.9	69.9	69.9	69.9
GE 6000	50.2	54.5	58.2	62.0	66.0	67.4	68.7	69.4	69.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	52.1	56.5	60.4	64.4	68.5	69.9	71.3	71.9	72.4	72.8	72.9	72.9	73.0	73.0	73.0	73.0
GE 4500	54.9	59.4	63.5	67.5	71.8	73.3	74.7	75.4	75.9	76.2	76.4	76.4	76.5	76.5	76.5	76.5
GE 4000	57.8	62.5	66.8	70.9	75.3	76.8	78.3	79.0	79.5	79.8	80.0	80.0	80.1	80.1	80.1	80.1
GE 3500	60.8	65.7	70.4	74.7	79.4	81.0	82.5	83.2	83.8	84.1	84.3	84.3	84.4	84.4	84.4	84.4
GE 3000	63.3	68.5	73.6	78.1	83.2	84.8	86.4	87.2	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	64.6	70.0	75.3	80.1	85.3	87.0	88.7	89.5	90.0	90.4	90.5	90.6	90.6	90.6	90.6	90.6
GE 2000	65.9	71.5	77.1	82.1	87.6	89.6	91.4	92.3	92.8	93.2	93.4	93.4	93.5	93.5	93.5	93.5
GE 1800	66.3	72.0	77.7	82.8	88.5	90.5	92.4	93.2	93.8	94.2	94.4	94.4	94.5	94.5	94.5	94.5
GE 1500	66.7	72.5	78.3	83.6	89.5	91.6	93.6	94.5	95.0	95.5	95.7	95.7	95.8	95.8	95.8	95.8
GE 1200	67.0	73.0	78.9	84.3	90.3	92.5	94.6	95.6	96.2	96.7	96.9	96.9	97.0	97.0	97.0	97.0
GE 1000	67.1	73.1	79.1	84.6	90.6	92.9	95.2	96.2	97.0	97.6	97.8	97.8	97.9	97.9	97.9	97.9
GE 900	67.1	73.1	79.1	84.6	90.7	93.1	95.4	96.4	97.3	97.8	98.0	98.1	98.1	98.1	98.1	98.1
GE 800	67.1	73.2	79.2	84.7	90.8	93.2	95.5	96.6	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4
GE 700	67.2	73.2	79.2	84.7	90.9	93.3	95.6	96.6	97.6	98.3	98.6	98.7	98.7	98.7	98.7	98.7
GE 600	67.2	73.2	79.2	84.7	90.9	93.3	95.7	96.8	97.8	98.4	98.7	98.8	98.9	98.9	98.9	98.9
GE 500	67.2	73.2	79.2	84.8	90.9	93.4	95.8	96.9	97.9	98.6	99.0	99.0	99.2	99.2	99.2	99.2
GE 400	67.2	73.2	79.2	84.8	91.0	93.5	95.9	97.0	98.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5
GE 300	67.2	73.2	79.2	84.8	91.0	93.5	95.9	97.0	98.1	98.9	99.2	99.3	99.5	99.6	99.7	99.7
GE 200	67.2	73.2	79.2	84.8	91.0	93.5	95.9	97.0	98.1	98.9	99.3	99.4	99.6	99.6	99.8	99.8
GE 100	67.2	73.2	79.2	84.8	91.0	93.5	95.9	97.0	98.1	98.9	99.3	99.4	99.6	99.7	99.8	100.0
GE 000	67.2	73.2	79.2	84.8	91.0	93.5	95.9	97.0	98.1	98.9	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	52.1	54.8	57.4	62.6	63.3	63.9	64.4	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	50.2	53.9	56.6	59.4	65.1	65.9	66.4	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	50.2	53.9	56.6	59.4	65.1	65.9	66.4	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	50.2	53.9	56.6	59.4	65.1	65.9	66.4	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	50.4	54.1	56.9	59.9	65.6	66.3	66.9	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	51.2	54.9	57.9	60.9	66.6	67.3	68.0	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	51.6	55.2	58.2	61.3	67.0	67.8	68.4	69.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	51.6	55.2	58.2	61.3	67.0	67.8	68.4	69.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	52.3	56.0	59.0	62.1	67.8	68.6	69.2	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	52.8	56.4	59.4	62.6	68.2	69.0	69.7	70.4	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	53.1	56.8	59.9	63.1	68.8	69.6	70.2	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	56.0	59.7	62.8	66.0	71.7	72.4	73.1	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	58.8	62.4	65.8	69.1	74.8	75.6	76.2	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	61.1	65.1	68.7	72.0	77.7	78.4	79.1	79.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	63.2	67.2	71.2	74.7	80.3	81.1	81.8	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	65.3	69.6	74.0	77.4	83.4	84.2	84.9	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	66.8	71.2	75.7	79.1	85.2	86.0	86.8	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	67.7	72.6	77.2	80.9	87.0	87.8	88.6	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	68.0	73.0	77.7	81.3	87.6	88.4	89.3	90.2	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	68.4	73.9	79.0	83.3	89.6	90.4	91.3	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	68.9	74.7	80.2	84.8	91.1	92.3	93.7	95.0	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	69.0	74.8	80.4	85.2	92.0	93.3	95.6	97.3	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	69.0	74.8	80.4	85.2	92.0	93.4	95.8	97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	69.0	74.8	80.4	85.2	92.0	93.4	96.2	98.0	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	69.0	74.8	80.4	85.2	92.0	93.7	96.7	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	69.0	74.8	80.6	85.3	92.2	93.9	96.9	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	69.0	74.8	80.6	85.3	92.2	93.9	97.1	98.9	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	69.0	74.8	80.6	85.3	92.2	93.9	97.1	98.9	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	69.0	74.8	80.6	85.3	92.2	93.9	97.1	98.9	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	69.0	74.8	80.6	85.3	92.2	93.9	97.1	98.9	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	69.0	74.8	80.6	85.3	92.2	93.9	97.2	99.0	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.0	74.8	80.6	85.3	92.2	93.9	97.2	99.0	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	49.3	52.3	54.1	59.0	59.3	60.4	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.4	61.4
GE 20000	48.3	50.4	53.6	55.3	60.3	60.7	62.3	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3
GE 18000	48.7	50.8	53.9	55.7	60.7	61.0	62.7	63.2	63.3	63.6	63.6	63.6	63.6	63.6	63.7	63.7
GE 16000	48.7	50.8	53.9	55.7	60.7	61.0	62.7	63.2	63.3	63.6	63.6	63.6	63.6	63.6	63.7	63.7
GE 14000	49.0	51.1	54.2	56.0	61.0	61.3	63.0	63.6	63.7	63.9	63.9	63.9	63.9	63.9	64.0	64.0
GE 12000	49.4	51.6	55.2	57.0	62.0	62.3	64.1	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.1	65.1
GE 10000	49.9	52.0	55.7	57.4	62.4	62.8	64.6	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.6	65.6
GE 9000	50.1	52.2	55.9	57.7	62.7	63.0	64.8	65.3	65.4	65.7	65.7	65.7	65.7	65.7	65.8	65.8
GE 8000	50.4	52.6	56.2	58.0	63.0	63.3	65.1	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 7000	50.7	52.8	56.4	58.2	63.2	63.6	65.3	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3
GE 6000	51.3	53.4	57.1	58.9	63.9	64.2	66.0	66.6	66.7	66.9	66.9	66.9	66.9	66.9	67.0	67.0
GE 5000	52.8	54.9	58.6	60.3	65.3	65.7	67.4	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 4500	54.8	56.9	60.7	62.4	67.4	67.8	69.6	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6
GE 4000	56.3	58.4	62.3	64.1	69.1	69.4	71.2	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.3
GE 3500	57.9	60.0	64.0	65.8	70.9	71.2	73.0	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.1	74.1
GE 3000	62.0	64.2	68.3	70.3	75.6	75.9	77.7	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.8	78.8
GE 2500	64.1	66.6	70.9	73.2	78.4	78.8	80.6	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.7	81.7
GE 2000	66.7	69.8	74.3	76.7	82.3	83.3	85.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.6	86.6
GE 1800	66.8	70.0	74.9	77.4	83.2	84.2	86.0	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.6	87.6
GE 1500	67.2	70.9	76.0	78.8	84.9	86.1	88.0	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 1200	67.3	71.0	76.3	79.8	86.2	87.4	89.9	90.9	91.3	91.6	91.6	91.6	91.6	91.6	91.7	91.7
GE 1000	67.6	71.3	76.8	80.2	87.0	88.3	90.8	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 900	67.8	71.6	77.0	80.4	87.2	88.6	91.4	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.9	93.9
GE 800	67.8	71.7	77.1	80.6	87.4	88.8	92.3	94.2	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 700	67.9	71.8	77.2	80.8	87.7	89.3	93.2	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 600	67.9	71.8	77.2	80.9	87.9	89.9	93.9	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 500	68.0	71.9	77.3	81.0	88.0	90.2	94.2	96.6	97.6	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 400	68.0	71.9	77.3	81.0	88.0	90.3	94.3	96.7	97.7	98.3	98.4	98.4	98.4	98.4	98.6	98.6
GE 300	68.1	72.0	77.4	81.1	88.1	90.4	94.4	96.8	97.9	98.6	98.7	98.7	98.8	98.8	99.0	99.0
GE 200	68.1	72.0	77.4	81.1	88.1	90.4	94.4	96.8	97.9	98.6	98.8	98.8	99.0	99.0	99.3	99.3
GE 100	68.1	72.0	77.4	81.1	88.1	90.4	94.4	96.8	97.9	98.6	98.8	98.8	99.0	99.0	99.6	99.7
GE 000	68.1	72.0	77.4	81.1	88.1	90.4	94.4	96.8	97.9	98.6	98.8	98.8	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	44.6	46.9	49.0	51.7	53.9	55.3	56.7	57.3	57.3	57.7	57.9	57.9	57.9	57.9	57.9
GE 20000	45.7	47.1	49.6	51.7	54.3	56.8	58.2	59.9	60.6	60.6	60.9	61.1	61.1	61.1	61.1	61.1
GE 18000	46.0	47.4	49.9	52.0	54.7	57.1	58.6	60.2	60.9	61.0	61.4	61.7	61.7	61.7	61.7	61.7
GE 16000	46.0	47.4	49.9	52.0	54.7	57.1	58.6	60.2	60.9	61.0	61.4	61.7	61.7	61.7	61.7	61.7
GE 14000	46.6	48.1	50.6	52.9	55.6	58.0	59.4	61.1	61.8	61.9	62.3	62.6	62.6	62.6	62.6	62.6
GE 12000	46.9	48.4	50.9	53.6	56.6	59.2	60.7	62.3	63.0	63.1	63.6	63.8	63.8	63.8	63.8	63.8
GE 10000	46.9	48.4	50.9	53.7	56.7	59.3	60.8	62.4	63.1	63.2	63.7	63.9	63.9	63.9	63.9	63.9
GE 9000	47.0	48.6	51.0	53.8	56.8	59.4	60.9	62.6	63.2	63.3	63.8	64.0	64.0	64.0	64.0	64.0
GE 8000	47.1	48.7	51.1	53.9	56.9	59.6	61.0	62.7	63.3	63.4	63.9	64.1	64.1	64.1	64.1	64.1
GE 7000	47.1	48.7	51.2	54.0	57.0	59.7	61.1	62.8	63.4	63.6	64.0	64.2	64.2	64.2	64.2	64.2
GE 6000	47.4	49.0	51.6	54.3	57.3	60.0	61.4	63.1	63.8	63.9	64.3	64.6	64.6	64.6	64.6	64.6
GE 5000	48.6	50.1	52.9	55.7	58.7	61.3	62.8	64.4	65.1	65.2	65.7	65.9	65.9	65.9	65.9	65.9
GE 4500	50.1	52.0	54.9	58.2	61.3	64.0	65.6	67.2	67.9	68.0	68.4	68.7	68.7	68.7	68.7	68.7
GE 4000	51.0	53.1	56.4	60.1	63.2	65.9	67.4	69.1	69.8	69.9	70.3	70.6	70.6	70.6	70.6	70.6
GE 3500	53.1	55.7	59.0	62.7	65.9	68.6	70.2	71.9	72.6	72.7	73.1	73.3	73.3	73.3	73.3	73.3
GE 3000	55.7	58.4	62.4	66.3	70.1	73.0	74.8	76.4	77.1	77.2	77.7	77.9	77.9	77.9	77.9	77.9
GE 2500	57.9	61.1	65.7	69.9	73.9	76.9	78.9	80.6	81.2	81.3	81.8	82.0	82.0	82.0	82.0	82.0
GE 2000	59.2	62.6	67.7	72.1	76.3	79.9	81.9	83.8	84.4	84.6	85.0	85.2	85.2	85.2	85.2	85.2
GE 1800	59.7	63.0	68.3	73.0	77.2	81.0	83.0	85.0	85.7	85.8	86.2	86.4	86.4	86.4	86.4	86.4
GE 1500	60.1	63.6	69.1	73.9	78.4	82.8	85.0	87.0	88.0	88.3	88.8	89.0	89.0	89.0	89.0	89.0
GE 1200	60.3	63.8	69.4	74.2	79.0	83.9	86.4	88.8	89.8	90.2	90.7	90.9	91.0	91.0	91.0	91.0
GE 1000	60.3	63.8	69.6	74.4	79.2	84.3	87.2	89.9	91.0	91.4	92.0	92.2	92.3	92.3	92.3	92.3
GE 900	60.3	63.8	69.6	74.4	79.4	84.7	87.8	90.6	91.7	92.1	92.7	92.9	93.0	93.0	93.0	93.0
GE 800	60.3	63.8	69.6	74.4	79.4	84.8	88.0	90.8	92.1	92.8	93.4	93.7	93.8	93.8	93.8	93.8
GE 700	60.3	63.8	69.6	74.4	79.6	84.9	88.4	91.4	92.8	93.4	94.6	94.8	94.9	94.9	94.9	94.9
GE 600	60.3	63.8	69.6	74.4	79.7	85.0	88.6	91.6	93.3	94.1	95.4	95.7	95.9	95.9	95.9	95.9
GE 500	60.3	63.8	69.6	74.4	79.7	85.0	88.6	91.8	93.6	94.9	96.8	97.0	97.3	97.3	97.3	97.4
GE 400	60.3	63.8	69.7	74.6	79.8	85.1	88.7	92.1	93.9	95.2	97.2	97.4	97.8	97.8	97.8	98.0
GE 300	60.3	63.8	69.7	74.6	79.8	85.1	88.7	92.1	93.9	95.2	97.2	97.4	97.8	97.9	98.0	98.3
GE 200	60.3	63.8	69.7	74.6	79.8	85.1	88.7	92.1	93.9	95.2	97.3	97.6	98.0	98.2	98.8	99.3
GE 100	60.3	63.8	69.7	74.6	79.8	85.1	88.7	92.1	93.9	95.2	97.3	97.6	98.0	98.2	99.0	99.9
GE 000	60.3	63.8	69.7	74.6	79.8	85.1	88.7	92.1	93.9	95.2	97.3	97.6	98.0	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.8	47.3	50.0	52.1	55.2	57.4	59.8	61.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	47.7	50.7	53.7	56.1	59.8	62.3	65.1	66.9	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	47.7	50.7	53.7	56.1	59.8	62.3	65.1	67.1	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	47.8	50.8	53.8	56.2	59.9	62.4	65.2	67.2	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	48.4	51.4	54.4	56.9	60.6	63.1	65.9	67.9	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	48.9	52.3	55.4	58.3	62.3	65.0	67.8	69.8	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	49.8	53.3	56.4	59.4	63.4	66.3	69.1	71.1	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	49.8	53.3	56.4	59.4	63.4	66.3	69.1	71.1	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	50.4	54.0	57.2	60.2	64.2	67.1	69.9	71.9	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	50.7	54.2	57.4	60.4	64.4	67.3	70.1	72.1	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	51.1	54.9	58.2	61.4	65.4	68.3	71.1	73.1	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	52.7	56.4	59.8	63.0	67.0	69.9	72.7	74.7	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9
GE 4500	55.0	58.9	62.4	66.1	70.2	73.2	76.0	78.0	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	56.9	61.2	64.9	68.7	72.9	75.9	78.7	80.7	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	60.0	64.8	68.4	72.6	77.1	80.1	82.9	84.9	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	62.1	67.1	71.2	75.7	81.3	84.7	87.4	89.4	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	63.3	68.4	72.9	77.6	83.2	86.9	89.7	91.7	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	63.6	68.8	73.2	77.9	83.7	87.8	90.7	93.0	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	63.6	69.0	73.4	78.2	84.0	88.3	91.9	94.4	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	63.7	69.2	73.8	78.7	84.6	89.0	92.6	95.1	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	63.7	69.3	73.9	78.8	84.8	89.6	93.3	96.2	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	63.7	69.3	73.9	78.8	84.8	89.6	93.4	96.3	97.8	98.3	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	63.7	69.3	73.9	78.8	84.8	89.6	93.4	96.3	97.8	98.3	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	63.7	69.3	73.9	78.8	84.8	89.6	93.4	96.3	97.8	98.3	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	63.7	69.3	73.9	78.8	84.8	89.7	93.6	96.4	98.0	98.6	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	63.7	69.3	73.9	78.8	84.8	89.7	93.6	96.4	98.0	98.6	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	63.7	69.3	73.9	78.8	84.8	89.7	93.7	96.6	98.1	98.7	99.4	99.4	99.6	99.7	99.7	99.7
GE 400	63.7	69.3	73.9	78.8	84.9	89.8	93.8	96.7	98.2	98.8	99.7	99.8	99.9	100.0	100.0	100.0
GE 300	63.7	69.3	73.9	78.8	84.9	89.8	93.8	96.7	98.2	98.8	99.7	99.8	99.9	100.0	100.0	100.0
GE 200	63.7	69.3	73.9	78.8	84.9	89.8	93.8	96.7	98.2	98.8	99.7	99.8	99.9	100.0	100.0	100.0
GE 100	63.7	69.3	73.9	78.8	84.9	89.8	93.8	96.7	98.2	98.8	99.7	99.8	99.9	100.0	100.0	100.0
GE 000	63.7	69.3	73.9	78.8	84.9	89.8	93.8	96.7	98.2	98.8	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	50.2	52.7	57.0	61.0	63.9	65.7	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 20000	49.8	55.0	57.7	62.3	66.9	70.9	72.9	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	50.1	55.3	58.0	62.7	67.2	71.3	73.4	74.3	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	50.1	55.3	58.0	62.7	67.2	71.4	73.6	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	50.6	55.8	58.4	63.1	67.7	71.9	74.0	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000	50.7	55.9	58.8	63.6	68.2	72.4	74.6	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	51.1	56.3	59.3	64.1	68.8	73.4	75.6	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	51.1	56.3	59.3	64.1	68.8	73.4	75.6	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	51.6	57.0	60.1	64.9	69.6	74.2	76.3	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 7000	51.7	57.1	60.2	65.0	69.7	74.3	76.4	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	53.6	59.1	62.3	67.1	71.8	76.4	78.6	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	56.8	62.3	65.6	70.7	75.4	80.1	82.3	83.2	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	58.7	64.6	67.9	73.2	78.1	82.8	85.0	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	63.2	69.7	73.2	79.0	84.0	88.8	91.0	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	65.7	72.7	76.4	82.6	88.0	92.8	95.0	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	66.4	73.4	77.2	83.4	88.9	93.9	96.1	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	66.8	73.9	77.7	83.9	89.6	94.9	97.1	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	67.1	74.2	78.0	84.2	90.0	95.3	97.7	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	67.2	74.3	78.1	84.3	90.1	95.4	97.8	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	67.2	74.3	78.1	84.4	90.2	95.6	97.9	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	67.2	74.3	78.1	84.4	90.3	95.7	98.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	67.2	74.3	78.1	84.4	90.3	95.7	98.0	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	67.2	74.3	78.1	84.4	90.3	95.7	98.0	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	67.2	74.3	78.1	84.4	90.3	95.7	98.0	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.2	74.3	78.1	84.4	90.4	95.8	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	50.1	54.1	59.6	64.0	66.0	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	50.7	56.4	60.9	66.7	71.4	73.7	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 18000	50.9	56.7	61.1	66.9	72.0	74.2	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	50.9	56.7	61.1	66.9	72.0	74.6	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 14000	51.2	57.0	61.7	67.4	72.6	75.1	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	51.9	57.8	62.4	68.2	73.3	75.9	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	52.9	59.0	63.8	69.7	75.2	78.0	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	53.1	59.2	64.0	69.9	75.4	78.2	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	53.6	59.7	64.4	70.3	75.9	78.7	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	54.2	60.3	65.1	71.0	76.6	79.3	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	56.2	62.4	67.2	73.1	78.7	81.4	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	59.3	65.8	70.9	76.9	82.4	85.2	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	61.7	68.4	73.8	80.0	85.6	88.3	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000	64.8	71.8	77.3	84.1	89.8	92.6	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	65.8	73.3	79.2	86.1	91.8	94.9	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	66.9	74.4	80.4	87.4	93.2	96.3	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	67.0	74.6	80.6	87.6	93.7	96.8	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	67.1	74.8	80.8	87.8	93.9	97.2	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	67.1	74.8	80.8	87.8	93.9	97.2	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.1	74.8	80.8	87.9	94.2	97.6	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	53.3	56.8	62.1	66.1	67.2	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 20000	51.8	57.8	61.3	66.9	71.7	72.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	51.8	57.8	61.3	67.0	72.0	73.1	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	51.8	57.8	61.3	67.0	72.0	73.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	52.4	58.6	62.3	68.0	73.0	74.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	53.6	60.0	63.8	69.4	74.6	76.0	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	54.4	60.9	64.7	70.4	75.6	77.0	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 9000	54.7	61.1	64.9	70.7	76.0	77.4	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	56.2	62.7	66.4	72.2	77.6	79.0	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	56.7	63.1	66.9	72.7	78.0	79.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	58.2	64.7	68.4	74.2	79.6	81.0	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	62.0	68.8	72.7	78.7	84.0	85.4	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	64.1	71.2	75.3	81.3	86.8	88.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	67.0	74.3	78.7	84.8	90.2	91.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	69.0	76.3	80.7	86.9	92.6	94.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	71.2	78.7	83.0	89.2	94.9	96.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	71.3	78.8	83.1	89.3	95.0	96.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	71.4	79.0	83.3	89.6	95.3	97.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	71.6	79.1	83.4	89.7	95.6	97.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	71.7	79.2	83.6	89.8	95.8	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	71.8	79.3	83.7	89.9	95.9	97.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	71.8	79.3	83.7	89.9	96.0	97.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	71.8	79.3	83.7	89.9	96.0	97.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.8	79.3	83.7	89.9	96.0	97.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	55.0	57.1	60.1	64.8	65.2	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 20000	53.7	57.4	59.7	63.1	68.3	69.0	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	53.7	57.4	59.7	63.1	68.6	69.4	70.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	53.7	57.4	59.7	63.1	68.6	69.4	70.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	53.8	57.8	60.1	63.6	69.0	69.9	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	55.0	59.0	61.3	64.8	70.6	71.4	72.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	56.2	60.2	62.7	66.1	71.9	72.8	73.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	56.3	60.3	62.8	66.2	72.0	72.9	73.6	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	57.4	61.4	63.9	67.3	73.1	74.0	74.7	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	58.0	62.0	64.4	67.9	73.7	74.6	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	58.9	62.9	65.3	68.8	74.6	75.4	76.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	62.6	66.6	69.0	72.4	78.2	79.1	79.8	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4500	66.0	70.2	73.3	76.8	82.6	83.4	84.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	68.4	72.8	75.9	79.4	85.3	86.2	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3500	70.7	75.2	78.4	82.3	88.3	89.2	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	73.4	78.2	81.6	85.6	91.6	92.4	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	74.6	79.3	82.7	86.7	92.8	93.7	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	75.1	80.2	83.6	87.8	94.0	95.1	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	75.2	80.7	84.0	88.4	94.8	95.9	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	75.7	81.2	84.6	89.2	95.8	97.1	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	75.8	81.3	84.7	89.3	96.2	97.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	75.8	81.3	84.7	89.4	96.3	97.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	75.8	81.3	84.7	89.4	96.4	97.9	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.8	81.3	84.7	89.4	96.4	98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	50.3	53.1	56.4	60.5	62.0	63.2	63.9	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4
GE 20000	49.7	53.6	56.6	60.2	64.7	66.5	68.0	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.4	69.4
GE 18000	49.9	53.8	56.8	60.4	65.0	66.8	68.3	69.2	69.5	69.6	69.7	69.7	69.7	69.7	69.8	69.8
GE 16000	49.9	53.8	56.8	60.4	65.0	66.9	68.4	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.9	69.9
GE 14000	50.3	54.2	57.3	61.0	65.6	67.5	69.0	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.5	70.5
GE 12000	50.9	55.0	58.2	62.0	66.8	68.7	70.2	71.1	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7
GE 10000	51.6	55.7	59.0	62.8	67.6	69.7	71.2	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7
GE 9000	51.7	55.8	59.1	62.9	67.8	69.8	71.3	72.3	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 8000	52.4	56.5	59.8	63.6	68.5	70.6	72.1	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	52.7	56.8	60.2	64.0	68.8	70.9	72.4	73.3	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9
GE 6000	53.7	57.9	61.3	65.1	70.0	72.1	73.6	74.5	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000	56.3	60.6	64.0	68.0	72.8	74.9	76.5	77.4	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	58.6	63.1	66.8	70.9	75.8	77.9	79.5	80.4	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	61.1	65.8	69.7	74.0	79.0	81.1	82.7	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.2	84.2
GE 3500	63.2	68.2	72.2	76.7	81.9	84.0	85.6	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	65.4	70.5	74.8	79.4	84.9	87.1	88.7	89.6	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2
GE 2500	66.5	71.7	76.1	80.9	86.5	88.8	90.5	91.4	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 2000	67.2	72.7	77.3	82.1	87.8	90.4	92.2	93.2	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	67.4	73.0	77.6	82.5	88.3	91.0	92.8	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5
GE 1500	67.6	73.4	78.1	83.3	89.2	92.0	93.9	95.0	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7
GE 1200	67.8	73.6	78.4	83.6	89.7	92.7	94.8	96.1	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	67.8	73.6	78.5	83.8	90.0	93.0	95.3	96.7	97.2	97.5	97.6	97.6	97.6	97.6	97.7	97.7
GE 900	67.8	73.7	78.5	83.8	90.1	93.1	95.5	97.0	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	67.8	73.7	78.5	83.8	90.1	93.2	95.7	97.2	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	67.8	73.7	78.5	83.9	90.1	93.3	96.0	97.5	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	67.8	73.7	78.6	83.9	90.2	93.5	96.1	97.7	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.0
GE 500	67.9	73.7	78.6	83.9	90.2	93.5	96.2	97.8	98.5	98.9	99.3	99.3	99.4	99.4	99.4	99.4
GE 400	67.9	73.7	78.6	83.9	90.3	93.5	96.2	97.9	98.6	99.0	99.4	99.4	99.5	99.5	99.5	99.6
GE 300	67.9	73.7	78.6	83.9	90.3	93.6	96.3	97.9	98.6	99.0	99.4	99.5	99.5	99.6	99.6	99.7
GE 200	67.9	73.7	78.6	83.9	90.3	93.6	96.3	97.9	98.6	99.0	99.5	99.5	99.6	99.6	99.8	99.8
GE 100	67.9	73.7	78.6	83.9	90.3	93.6	96.3	97.9	98.6	99.1	99.5	99.5	99.6	99.7	99.8	99.9
GE 000	67.9	73.7	78.6	83.9	90.3	93.6	96.3	97.9	98.6	99.1	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.0	43.4	45.6	48.2	56.6	58.8	60.4	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	39.4	43.9	46.0	48.8	57.4	59.7	61.4	62.2	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	39.5	44.0	46.1	48.9	57.5	59.8	61.5	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	39.5	44.0	46.1	48.9	57.5	59.8	61.5	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	39.7	44.2	46.3	49.2	57.8	60.1	61.8	62.6	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	40.0	44.5	46.9	49.9	58.5	60.8	62.5	63.2	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 10000	40.2	44.7	47.2	50.3	58.9	61.2	62.9	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	40.2	44.7	47.2	50.3	58.9	61.2	62.9	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	40.3	45.1	47.5	50.9	59.6	61.8	63.5	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	40.5	45.3	47.7	51.1	59.8	62.0	63.8	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 6000	41.4	46.1	48.6	51.9	60.6	62.9	64.6	65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 5000	43.4	48.5	51.0	54.3	63.0	65.3	67.0	67.7	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	46.1	51.4	53.9	57.2	65.9	68.2	69.9	70.6	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	47.7	53.2	55.7	59.0	67.7	70.0	71.7	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	50.0	55.7	58.2	61.6	70.3	72.7	74.4	75.2	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3000	52.9	58.8	61.6	65.2	74.0	76.5	78.2	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2500	54.7	60.9	64.1	67.6	76.5	78.9	80.6	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	58.0	64.9	68.8	72.8	82.0	84.7	86.6	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	58.9	65.9	70.1	74.5	84.4	87.2	89.1	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	59.4	66.6	71.2	76.0	86.9	89.8	91.8	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	59.5	66.9	71.6	77.0	88.4	91.8	94.1	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	59.5	66.9	71.7	77.6	89.1	92.8	95.9	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	59.5	66.9	71.7	77.6	89.1	93.0	96.3	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	59.5	66.9	71.7	77.7	89.4	93.4	97.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	59.5	66.9	71.7	77.7	89.4	93.4	97.1	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	59.5	66.9	71.7	77.7	89.4	93.4	97.2	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	59.5	66.9	71.7	77.7	89.4	93.4	97.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	59.5	66.9	71.7	77.7	89.4	93.4	97.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	59.5	66.9	71.7	77.7	89.4	93.4	97.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.5	66.9	71.7	77.7	89.4	93.4	97.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.5	66.9	71.7	77.7	89.4	93.4	97.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.5	66.9	71.7	77.7	89.4	93.4	97.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.3	34.6	38.4	41.4	45.4	47.6	49.7	51.1	51.9	52.4	52.7	52.7	52.8	52.8	52.8	52.8
GE 20000	32.0	35.6	39.5	42.6	46.6	48.8	51.0	52.4	53.2	53.7	54.0	54.0	54.1	54.1	54.1	54.1
GE 18000	32.0	35.6	39.5	42.6	46.6	48.8	51.0	52.4	53.2	53.7	54.0	54.0	54.1	54.1	54.1	54.1
GE 16000	32.0	35.6	39.5	42.6	46.6	48.8	51.0	52.4	53.2	53.7	54.0	54.0	54.1	54.1	54.1	54.1
GE 14000	32.0	35.7	39.6	42.8	46.8	49.0	51.2	52.6	53.4	53.9	54.2	54.2	54.3	54.3	54.3	54.3
GE 12000	32.6	36.2	40.1	43.3	47.5	49.8	52.2	53.5	54.4	54.8	55.2	55.2	55.3	55.3	55.3	55.3
GE 10000	32.8	36.5	40.3	43.5	48.0	50.2	52.6	54.0	54.8	55.3	55.6	55.6	55.7	55.7	55.7	55.7
GE 9000	32.8	36.5	40.3	43.5	48.0	50.2	52.6	54.0	54.8	55.3	55.6	55.6	55.7	55.7	55.7	55.7
GE 8000	33.3	37.0	40.9	44.3	48.7	51.0	53.3	54.7	55.6	56.0	56.3	56.3	56.5	56.5	56.5	56.5
GE 7000	33.4	37.1	41.0	44.4	48.8	51.1	53.4	54.8	55.7	56.1	56.5	56.5	56.6	56.6	56.6	56.6
GE 6000	33.7	37.3	41.2	44.6	49.1	51.4	53.8	55.2	56.0	56.5	56.8	56.8	56.9	56.9	56.9	56.9
GE 5000	34.3	38.2	42.0	45.5	50.0	52.3	54.6	56.0	56.9	57.3	57.6	57.6	57.7	57.7	57.7	57.7
GE 4500	36.7	40.8	44.6	48.1	52.7	54.9	57.3	58.7	59.6	60.0	60.3	60.3	60.4	60.4	60.4	60.4
GE 4000	38.1	42.4	46.2	49.7	54.3	56.6	58.9	60.3	61.2	61.6	61.9	61.9	62.0	62.0	62.0	62.0
GE 3500	40.2	44.6	48.8	52.7	57.4	59.8	62.3	63.7	64.5	64.9	65.3	65.3	65.4	65.4	65.4	65.4
GE 3000	42.2	46.9	51.3	55.5	60.3	62.7	65.2	66.6	67.4	67.8	68.2	68.2	68.3	68.3	68.3	68.3
GE 2500	44.3	49.0	53.9	58.3	63.3	65.8	68.4	69.8	70.6	71.1	71.4	71.4	71.5	71.5	71.5	71.5
GE 2000	46.8	52.0	57.0	62.0	68.0	70.5	73.2	74.6	75.5	75.9	76.2	76.2	76.3	76.3	76.3	76.3
GE 1800	48.1	53.4	58.4	63.8	70.2	73.0	75.8	77.2	78.1	78.5	78.8	78.8	78.9	78.9	78.9	78.9
GE 1500	48.7	54.4	59.6	65.2	72.6	75.5	78.6	80.2	81.2	81.6	81.9	81.9	82.0	82.0	82.0	82.0
GE 1200	48.7	54.7	60.1	66.7	75.3	78.8	82.2	84.2	85.3	85.7	86.1	86.1	86.2	86.2	86.2	86.2
GE 1000	48.9	54.9	60.4	67.4	76.8	80.8	84.9	87.2	88.5	89.0	89.5	89.5	89.6	89.6	89.6	89.6
GE 900	49.0	55.1	60.5	67.5	76.9	81.3	85.9	88.4	89.7	90.2	90.6	90.6	90.8	90.8	90.8	90.8
GE 800	49.0	55.1	60.6	68.0	77.6	82.6	88.2	91.3	92.7	93.2	93.7	93.7	93.8	93.8	93.8	93.8
GE 700	49.0	55.1	60.8	68.1	77.7	82.7	88.5	91.9	93.3	93.9	94.3	94.3	94.4	94.4	94.4	94.4
GE 600	49.0	55.1	60.8	68.2	78.0	83.0	89.0	92.6	94.2	94.8	95.3	95.3	95.4	95.4	95.4	95.4
GE 500	49.0	55.1	60.8	68.3	78.2	83.5	89.8	94.1	95.9	96.9	97.3	97.3	97.4	97.4	97.4	97.4
GE 400	49.0	55.1	60.8	68.3	78.2	83.5	90.0	94.5	96.7	97.8	98.5	98.5	98.6	98.6	98.6	98.6
GE 300	49.0	55.1	60.8	68.3	78.2	83.5	90.1	94.6	96.8	98.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	49.0	55.1	60.8	68.3	78.2	83.5	90.1	94.7	96.9	98.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	49.0	55.1	60.8	68.3	78.2	83.5	90.1	94.7	97.0	98.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	49.0	55.1	60.8	68.3	78.2	83.5	90.1	94.7	97.0	98.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.9	29.2	31.7	34.8	38.8	41.9	43.3	44.5	45.8	46.5	46.8	46.8	46.9	46.9	46.9	46.9
GE 20000	27.0	30.3	32.9	36.0	40.4	43.5	45.6	46.8	48.1	48.8	49.1	49.1	49.2	49.2	49.2	49.2
GE 18000	27.0	30.3	32.9	36.0	40.4	43.5	45.6	46.8	48.1	48.8	49.1	49.1	49.2	49.2	49.2	49.2
GE 16000	27.1	30.4	33.0	36.1	40.5	43.7	45.7	46.9	48.2	48.9	49.2	49.2	49.4	49.4	49.4	49.4
GE 14000	27.1	30.5	33.1	36.2	40.6	43.8	45.9	47.1	48.4	49.1	49.5	49.5	49.6	49.6	49.6	49.6
GE 12000	28.0	31.5	34.1	37.3	42.0	45.5	48.0	49.2	50.5	51.3	51.6	51.6	51.7	51.7	51.7	51.7
GE 10000	28.1	31.6	34.2	37.5	42.3	45.7	48.2	49.5	50.8	51.5	51.8	51.8	51.9	51.9	51.9	51.9
GE 9000	28.1	31.6	34.2	37.5	42.3	45.7	48.2	49.5	50.8	51.5	51.8	51.8	51.9	51.9	51.9	51.9
GE 8000	28.4	31.9	34.5	37.8	42.7	46.2	48.7	50.0	51.3	52.0	52.4	52.4	52.5	52.5	52.5	52.5
GE 7000	28.6	32.2	34.7	38.1	42.9	46.5	48.9	50.2	51.5	52.3	52.6	52.6	52.7	52.7	52.7	52.7
GE 6000	28.7	32.3	34.8	38.2	43.0	46.6	49.0	50.3	51.7	52.5	52.8	52.8	52.9	52.9	52.9	52.9
GE 5000	29.4	33.1	35.7	39.1	44.0	47.5	50.0	51.3	52.7	53.4	53.8	53.8	53.9	53.9	53.9	53.9
GE 4500	30.1	34.3	37.0	40.6	45.6	49.1	51.6	52.9	54.3	55.1	55.4	55.4	55.5	55.5	55.5	55.5
GE 4000	31.1	35.3	38.1	42.2	47.8	51.4	53.9	55.2	56.6	57.3	57.6	57.6	57.7	57.7	57.7	57.7
GE 3500	33.2	37.8	41.2	45.7	51.6	55.4	58.2	59.5	60.9	61.6	61.9	61.9	62.0	62.0	62.0	62.0
GE 3000	36.2	41.1	44.6	49.4	55.9	59.8	62.8	64.2	65.6	66.3	66.7	66.7	66.8	66.8	66.8	66.8
GE 2500	37.8	43.2	47.2	52.6	60.1	64.4	67.4	68.8	70.3	71.1	71.4	71.4	71.5	71.5	71.5	71.5
GE 2000	39.1	45.2	49.1	54.8	63.7	68.6	72.0	73.5	75.1	75.8	76.1	76.1	76.2	76.2	76.2	76.2
GE 1800	39.2	45.5	49.6	55.4	64.8	70.2	74.0	75.6	77.1	78.0	78.3	78.3	78.4	78.4	78.4	78.4
GE 1500	39.2	45.5	49.6	55.6	65.5	71.4	75.9	78.4	80.0	80.9	81.3	81.3	81.4	81.4	81.4	81.4
GE 1200	39.2	45.5	49.6	55.8	66.1	72.6	77.6	80.5	82.2	83.3	83.9	83.9	84.0	84.0	84.0	84.0
GE 1000	39.2	45.5	49.6	55.9	66.8	73.8	80.1	84.0	86.3	87.7	88.4	88.4	88.6	88.6	88.6	88.6
GE 900	39.4	45.6	49.7	56.0	66.9	73.9	80.5	84.7	87.2	88.9	89.7	89.7	89.9	89.9	89.9	89.9
GE 800	39.4	45.6	49.7	56.0	66.9	74.4	82.0	86.9	90.1	92.3	93.0	93.0	93.2	93.2	93.2	93.2
GE 700	39.4	45.6	49.7	56.0	66.9	74.4	82.2	87.1	90.5	92.8	93.7	93.7	93.9	93.9	93.9	93.9
GE 600	39.4	45.6	49.7	56.1	67.0	74.6	82.5	88.1	91.6	94.2	95.1	95.2	95.4	95.4	95.4	95.4
GE 500	39.4	45.6	49.7	56.1	67.0	74.6	82.5	88.7	92.5	95.4	96.5	96.9	97.1	97.2	97.2	97.2
GE 400	39.4	45.6	49.7	56.1	67.0	74.6	82.6	88.9	92.7	95.6	97.1	97.5	98.0	98.1	98.1	98.1
GE 300	39.4	45.6	49.7	56.1	67.0	74.6	82.6	88.9	92.8	95.7	97.4	98.4	99.0	99.1	99.1	99.1
GE 200	39.4	45.6	49.7	56.1	67.0	74.6	82.6	88.9	92.8	95.7	97.6	98.6	99.2	99.5	99.7	99.9
GE 100	39.4	45.6	49.7	56.1	67.0	74.6	82.6	88.9	92.8	95.7	97.6	98.6	99.2	99.6	99.8	100.0
GE 000	39.4	45.6	49.7	56.1	67.0	74.6	82.6	88.9	92.8	95.7	97.6	98.6	99.2	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.6	31.6	36.3	40.3	45.7	51.7	55.3	58.7	59.9	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 20000	30.2	33.5	38.5	42.7	48.4	54.7	58.5	62.0	63.2	63.9	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	30.2	33.5	38.5	42.7	48.4	54.7	58.5	62.0	63.2	63.9	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	30.6	34.0	38.9	43.1	48.8	55.2	58.9	62.5	63.7	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	30.8	34.1	39.0	43.2	48.9	55.4	59.1	62.7	63.9	64.5	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	31.4	34.7	39.8	44.0	50.2	57.2	61.0	64.6	65.8	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	31.4	34.7	39.8	44.0	50.2	57.3	61.1	64.7	65.9	66.6	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	31.4	34.7	39.8	44.0	50.2	57.3	61.1	64.7	65.9	66.6	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	31.4	34.7	39.8	44.0	50.2	57.3	61.1	64.8	66.0	66.7	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	31.4	34.7	39.8	44.0	50.2	57.3	61.1	64.8	66.0	66.7	66.8	66.8	66.8	66.8	66.8	66.8
GE 6000	31.7	35.1	40.1	44.3	50.5	57.6	61.4	65.2	66.3	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	33.3	36.8	41.8	46.0	52.3	59.4	63.1	67.0	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	36.0	39.8	44.8	49.4	55.8	62.9	66.8	70.8	71.9	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	38.6	42.9	48.1	52.7	59.1	66.2	70.1	74.1	75.3	75.9	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	43.3	47.8	53.4	58.7	65.6	72.8	76.9	80.9	82.0	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	45.3	50.1	55.9	61.6	69.5	76.8	81.3	85.3	86.5	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	46.0	50.9	57.2	63.8	72.3	80.0	84.5	88.7	89.9	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	46.1	51.1	57.5	64.5	73.8	82.2	87.2	91.6	92.8	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	46.1	51.1	57.5	64.7	74.1	82.8	88.2	92.7	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	46.1	51.1	57.5	64.8	74.3	83.2	89.2	93.9	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	46.1	51.1	57.6	64.9	74.4	83.4	90.5	95.4	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	46.1	51.1	57.6	64.9	74.4	83.4	91.1	96.1	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	46.1	51.1	57.6	64.9	74.4	83.4	91.3	96.5	98.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.9	38.6	45.9	52.5	60.6	64.8	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 20000	34.1	41.4	48.9	56.0	64.8	69.8	73.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 18000	34.2	41.7	49.2	56.3	65.2	70.1	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	34.3	41.8	49.4	56.5	65.3	70.2	74.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 14000	34.6	42.2	49.8	56.9	65.7	70.8	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	35.8	43.4	51.1	58.2	67.2	72.6	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	35.9	43.5	51.2	58.3	67.3	72.7	76.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	35.9	43.5	51.2	58.3	67.3	72.7	76.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 8000	35.9	43.7	51.3	58.4	67.5	72.9	77.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 7000	36.0	43.8	51.4	58.5	67.6	73.0	77.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	36.8	44.5	52.2	59.2	68.4	73.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	39.7	47.7	55.5	62.6	71.8	77.2	81.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	42.2	50.6	58.4	65.6	75.2	80.8	85.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	45.3	54.5	62.3	69.7	79.4	84.9	89.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	47.6	57.3	65.8	73.9	83.9	89.5	93.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	48.0	57.7	67.4	75.9	86.8	92.6	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	48.0	57.8	67.6	76.1	87.1	93.0	97.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	48.0	57.8	67.6	76.1	87.2	93.5	98.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	48.0	57.8	67.6	76.1	87.2	93.5	98.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	48.0	57.8	67.6	76.1	87.2	93.5	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	51.1	57.8	63.0	69.6	71.2	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 20000	45.6	54.5	61.9	67.5	74.5	76.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	45.6	54.5	62.0	67.6	74.6	76.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 16000	45.6	54.5	62.0	67.6	74.6	76.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 14000	45.9	54.8	62.5	68.1	75.3	76.9	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 12000	46.7	56.0	63.8	69.6	76.8	78.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	47.5	57.0	64.9	70.9	78.2	80.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 9000	47.5	57.0	64.9	70.9	78.2	80.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 8000	47.5	57.3	65.3	71.3	78.6	80.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	47.5	57.3	65.3	71.3	78.6	80.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 6000	48.7	58.6	66.6	72.6	80.0	81.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	52.5	63.2	71.2	77.2	84.8	86.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4500	53.5	64.5	72.5	78.7	86.7	88.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000	56.1	67.6	75.6	81.9	90.1	92.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3500	58.4	70.3	78.5	85.3	94.0	96.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	58.6	70.6	79.6	86.6	95.7	97.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	58.6	70.6	79.6	86.6	95.7	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	58.6	70.8	79.7	86.7	95.8	98.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	58.6	70.8	79.7	86.7	95.8	98.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	58.6	70.8	79.7	86.7	95.8	98.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	58.6	70.8	79.7	86.7	95.8	98.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	53.7	59.0	63.2	70.5	71.8	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 20000	51.4	57.3	63.2	67.8	75.7	77.1	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	51.4	57.4	63.7	68.4	76.2	77.6	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	51.4	57.4	63.7	68.4	76.2	77.6	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	52.2	58.2	64.6	69.5	77.4	78.8	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 12000	52.8	59.0	65.6	71.1	79.1	80.5	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 10000	53.8	60.0	66.8	72.4	80.6	82.0	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 9000	53.8	60.0	66.8	72.4	80.6	82.0	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	54.6	61.2	68.0	73.5	81.8	83.2	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	54.7	61.5	68.3	73.9	82.2	83.5	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	56.2	63.1	69.9	75.5	83.8	85.2	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	58.7	65.8	72.7	78.3	86.6	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	60.8	67.8	74.8	80.5	88.9	90.3	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	63.0	70.1	77.2	83.1	91.5	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	64.7	71.9	79.1	85.5	94.2	95.6	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	65.5	72.9	80.3	86.9	95.6	97.3	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	65.5	73.1	80.5	87.1	95.9	97.6	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	65.6	73.4	80.9	87.4	96.5	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.7	73.5	81.1	87.6	96.7	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	53.9	56.6	61.9	67.8	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 20000	51.3	55.6	58.8	64.6	71.2	73.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	51.6	55.9	59.1	64.9	71.5	73.3	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	51.6	55.9	59.1	64.9	71.5	73.3	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	52.2	56.7	60.0	65.8	72.4	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000	52.7	57.3	60.8	66.6	73.1	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	53.3	58.1	61.5	67.4	74.0	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	53.3	58.1	61.5	67.4	74.0	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	53.7	58.5	62.2	68.2	74.7	76.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	53.7	58.5	62.2	68.2	74.7	76.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	54.4	59.2	62.9	68.9	75.5	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	56.0	61.0	64.6	70.6	77.2	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	59.1	64.1	67.7	73.9	80.5	82.4	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	60.6	65.7	69.5	75.7	82.4	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	63.7	69.1	73.0	79.4	86.0	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	66.6	72.7	76.7	83.4	90.1	92.0	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	67.1	73.5	77.7	84.6	91.4	93.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	67.7	74.6	78.8	85.9	92.8	94.8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	68.6	75.5	79.9	87.4	94.5	96.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	68.8	75.8	80.4	88.3	95.8	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	68.9	75.9	80.6	88.5	96.1	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.9	75.9	80.6	88.5	96.2	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.1	42.0	46.4	50.7	56.9	59.7	61.4	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	38.9	44.0	48.7	53.3	59.9	62.8	64.8	65.9	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	38.9	44.1	48.9	53.4	60.1	63.0	65.0	66.0	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	39.0	44.2	49.0	53.5	60.1	63.1	65.1	66.1	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	39.3	44.5	49.4	54.0	60.6	63.6	65.6	66.7	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	40.0	45.3	50.3	55.0	61.8	65.0	67.0	68.2	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	40.4	45.8	50.7	55.5	62.4	65.6	67.7	68.8	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7
GE 9000	40.4	45.8	50.7	55.5	62.4	65.6	67.7	68.8	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7
GE 8000	40.6	46.2	51.2	56.0	63.0	66.2	68.2	69.4	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.3
GE 7000	40.7	46.3	51.3	56.2	63.1	66.3	68.4	69.5	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4
GE 6000	41.5	47.0	52.0	56.9	63.9	67.1	69.1	70.3	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2
GE 5000	43.4	49.3	54.3	59.2	66.2	69.4	71.5	72.7	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6
GE 4500	45.6	51.7	56.7	61.7	68.9	72.2	74.3	75.5	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	47.6	54.0	59.1	64.2	71.5	74.8	76.9	78.1	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	50.1	56.8	62.3	67.8	75.4	78.7	80.9	82.1	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.0
GE 3000	51.9	58.9	64.7	70.6	78.5	81.9	84.2	85.4	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 2500	52.8	59.9	66.0	72.1	80.3	83.9	86.2	87.5	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	53.7	61.2	67.4	73.8	82.5	86.3	88.9	90.2	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	54.2	61.7	68.0	74.5	83.5	87.5	90.1	91.5	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	54.3	61.9	68.3	75.0	84.3	88.5	91.4	93.0	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	54.3	62.0	68.5	75.4	85.0	89.4	92.6	94.3	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4
GE 1000	54.4	62.1	68.5	75.6	85.4	89.9	93.5	95.4	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 900	54.4	62.1	68.6	75.6	85.4	90.0	93.8	95.8	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 800	54.4	62.1	68.6	75.7	85.5	90.3	94.3	96.5	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.2
GE 700	54.4	62.1	68.6	75.7	85.5	90.3	94.4	96.7	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 600	54.4	62.1	68.6	75.7	85.6	90.4	94.5	96.9	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	54.4	62.1	68.6	75.8	85.6	90.5	94.6	97.2	98.2	99.0	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	54.4	62.1	68.6	75.8	85.6	90.5	94.7	97.3	98.3	99.1	99.4	99.5	99.5	99.6	99.6	99.6
GE 300	54.4	62.1	68.6	75.8	85.6	90.5	94.7	97.3	98.4	99.2	99.6	99.7	99.8	99.8	99.8	99.8
GE 200	54.4	62.1	68.6	75.8	85.6	90.5	94.7	97.3	98.4	99.2	99.7	99.8	99.9	99.9	99.9	100.0
GE 100	54.4	62.1	68.6	75.8	85.6	90.5	94.7	97.3	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0
GE 000	54.4	62.1	68.6	75.8	85.6	90.5	94.7	97.3	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	51.1	58.9	65.9	72.9	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 20000	45.0	51.2	59.0	66.2	73.4	74.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	45.3	51.6	59.3	66.6	73.8	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	45.3	51.6	59.3	66.6	73.8	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	46.1	52.3	60.2	67.4	74.7	75.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	46.4	52.7	60.6	68.0	75.2	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	46.9	53.1	61.0	68.4	75.7	76.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	46.9	53.1	61.0	68.4	75.7	76.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	46.9	53.1	61.0	68.4	75.7	76.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	46.9	53.1	61.0	68.4	75.7	76.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000	46.9	53.1	61.0	68.4	75.7	76.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	48.1	54.3	62.2	69.7	76.9	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	49.1	55.3	63.2	70.7	77.9	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	49.1	55.3	63.2	70.7	78.0	79.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	49.7	56.0	64.0	71.4	78.8	79.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	50.2	56.6	64.8	72.2	79.6	80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	51.2	57.9	66.1	73.9	81.4	82.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	53.3	60.3	68.8	76.7	84.3	85.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	54.3	61.3	70.1	78.1	86.3	87.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	54.9	61.9	70.9	80.1	88.9	90.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	55.4	62.4	72.3	82.1	92.7	94.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	55.6	62.6	72.7	82.8	94.2	96.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	55.6	62.6	72.7	82.9	94.4	96.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	55.6	62.6	72.7	82.9	94.4	96.8	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	55.6	62.6	72.8	83.0	94.6	96.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.8	37.6	42.3	48.4	56.2	59.7	61.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	33.2	38.1	43.1	49.3	57.3	60.8	62.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	33.2	38.1	43.1	49.3	57.3	60.8	62.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	33.2	38.1	43.1	49.3	57.3	60.8	62.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	33.7	38.6	43.6	49.8	57.9	61.3	63.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	34.2	39.1	44.1	50.3	58.4	61.9	63.8	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	34.8	39.7	44.7	50.9	59.0	62.4	64.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	34.8	39.7	44.7	50.9	59.0	62.4	64.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	34.9	39.8	44.8	51.0	59.1	62.6	64.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	34.9	39.8	44.8	51.0	59.1	62.6	64.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	35.0	39.9	44.9	51.1	59.2	62.7	64.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	35.7	40.6	45.6	51.8	59.9	63.3	65.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4500	36.4	41.4	46.4	52.7	60.8	64.2	66.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	36.6	41.6	46.6	52.8	60.9	64.3	66.3	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	37.2	42.2	47.3	53.9	62.1	65.6	67.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3000	38.0	43.0	48.1	54.7	62.9	66.3	68.4	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2500	38.9	44.1	49.6	56.6	65.1	68.7	70.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 2000	39.8	45.7	51.4	58.6	67.4	71.2	73.3	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 1800	40.4	46.3	52.2	59.7	69.0	73.2	75.6	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1500	41.0	47.0	52.9	60.6	70.4	75.0	77.4	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1200	41.9	48.1	55.4	64.0	74.8	80.1	83.2	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 1000	42.4	48.7	56.2	65.4	77.2	84.0	88.0	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	42.4	48.9	56.7	65.9	78.2	85.2	89.3	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	42.4	48.9	56.8	66.1	78.9	86.4	91.1	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	42.4	48.9	56.8	66.2	79.4	87.1	91.8	94.3	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	42.4	48.9	56.8	66.3	79.7	87.7	92.7	95.7	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	42.4	48.9	56.8	66.3	79.7	87.8	93.1	96.3	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	42.4	48.9	56.8	66.3	79.7	87.8	93.6	96.9	97.8	98.4	98.8	98.9	98.9	98.9	98.9	98.9
GE 300	42.4	48.9	56.8	66.3	79.7	87.8	93.6	97.0	97.9	98.7	99.2	99.3	99.4	99.4	99.4	99.4
GE 200	42.4	48.9	56.8	66.3	79.7	87.8	93.6	97.0	97.9	98.7	99.4	99.6	99.8	99.8	99.8	99.8
GE 100	42.4	48.9	56.8	66.3	79.7	87.8	93.6	97.0	97.9	98.7	99.4	99.6	99.8	99.8	99.8	99.9
GE 000	42.4	48.9	56.8	66.3	79.7	87.8	93.6	97.0	97.9	98.7	99.4	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.1	27.1	29.3	35.4	42.1	50.6	55.2	58.3	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 20000	22.7	27.9	30.1	36.6	43.2	52.0	56.8	59.9	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	22.7	27.9	30.1	36.6	43.2	52.0	56.8	59.9	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	22.7	27.9	30.1	36.6	43.2	52.0	56.8	59.9	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	22.8	28.0	30.4	37.0	44.0	52.8	57.6	60.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	23.3	28.7	31.2	37.8	45.0	53.8	58.6	61.7	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	23.4	28.9	31.4	38.0	45.2	54.0	58.8	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	23.4	28.9	31.4	38.0	45.2	54.0	58.8	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 8000	23.4	28.9	31.4	38.0	45.2	54.0	58.8	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	23.4	28.9	31.4	38.0	45.2	54.0	58.8	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 6000	23.7	29.1	31.7	38.2	45.6	54.3	59.1	62.2	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	23.8	29.2	31.8	38.6	45.9	54.7	59.4	62.6	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	24.2	29.7	32.2	39.2	46.8	55.6	60.3	63.4	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	25.2	30.7	33.2	40.3	47.9	56.7	61.4	64.6	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3500	26.2	31.8	34.3	41.6	49.1	57.9	62.7	65.8	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3000	26.8	32.4	35.0	42.3	49.9	59.0	63.8	67.0	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 2500	27.6	33.3	36.6	44.3	52.2	61.9	66.7	70.1	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 2000	27.9	33.7	37.4	46.3	54.8	65.2	70.0	73.4	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1800	28.2	34.2	38.1	47.2	56.1	67.3	72.3	76.2	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1500	28.2	34.2	38.1	47.6	57.6	69.4	74.7	78.9	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1200	28.2	34.2	38.1	48.8	59.4	72.8	79.2	84.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	28.2	34.2	38.1	49.0	60.0	74.1	81.8	87.2	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	28.2	34.3	38.2	49.1	60.2	74.6	82.8	88.6	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	28.2	34.3	38.2	49.1	60.4	74.9	83.7	90.4	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	28.2	34.3	38.2	49.1	60.4	74.9	83.7	90.8	94.1	94.4	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	28.2	34.3	38.2	49.1	60.4	75.0	83.9	91.7	95.6	96.2	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	28.2	34.3	38.2	49.1	60.4	75.1	84.3	92.2	96.4	97.3	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	28.2	34.3	38.2	49.1	60.4	75.1	84.3	92.2	96.6	97.4	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	28.2	34.3	38.2	49.1	60.4	75.1	84.3	92.2	96.7	97.9	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	28.2	34.3	38.2	49.1	60.4	75.1	84.3	92.2	96.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	28.2	34.3	38.2	49.1	60.4	75.1	84.3	92.2	96.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	28.2	34.3	38.2	49.1	60.4	75.1	84.3	92.2	96.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.6	30.9	37.8	44.6	54.0	63.6	68.7	71.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 20000	26.3	32.0	39.0	46.0	55.4	65.3	70.6	73.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	26.7	32.3	39.3	46.3	55.8	65.7	70.9	73.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	26.7	32.3	39.4	46.4	55.9	65.8	71.0	73.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	26.7	32.3	39.4	46.4	56.6	66.4	71.7	74.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	27.1	32.8	39.9	47.2	57.7	67.6	72.8	75.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	27.2	32.9	40.2	47.6	58.0	67.9	73.1	76.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	27.2	32.9	40.2	47.6	58.0	67.9	73.1	76.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	27.2	32.9	40.2	47.6	58.0	67.9	73.1	76.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	27.2	32.9	40.2	47.6	58.0	67.9	73.1	76.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	27.2	32.9	40.2	47.6	58.1	68.0	73.2	76.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	27.3	33.0	40.3	47.7	58.2	68.1	73.3	76.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	27.7	33.3	40.7	48.2	59.1	69.0	74.2	77.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	29.0	34.7	42.1	49.9	60.8	70.7	75.9	78.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	29.9	35.6	43.7	51.4	62.3	72.4	77.7	80.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3000	30.7	36.3	44.9	53.7	64.9	75.3	80.6	83.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	31.0	36.9	45.9	55.1	67.3	78.1	83.4	86.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	31.2	37.1	46.2	56.1	68.8	80.7	86.6	89.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	31.2	37.1	46.4	56.4	69.3	81.9	88.0	91.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	31.2	37.1	46.6	56.7	70.0	83.6	90.4	94.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	31.2	37.1	46.6	56.8	70.1	84.0	92.0	96.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	31.2	37.1	46.6	56.8	70.1	84.0	92.3	96.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	31.2	37.1	46.6	56.8	70.1	84.2	92.7	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.0	37.3	46.9	62.4	73.8	81.0	83.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 20000	31.4	39.0	48.7	64.7	77.1	84.9	87.7	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 18000	31.6	39.1	48.8	64.8	77.2	85.0	87.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 16000	31.6	39.4	49.1	65.1	77.6	85.3	88.1	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 14000	32.2	40.1	50.0	66.0	78.4	86.2	89.0	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 12000	32.8	40.7	50.6	66.6	79.1	86.9	89.7	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 10000	32.9	40.9	50.8	66.8	79.3	87.2	90.1	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 9000	32.9	40.9	50.9	66.9	79.4	87.3	90.2	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 8000	32.9	40.9	50.9	66.9	79.4	87.3	90.2	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 7000	32.9	40.9	50.9	66.9	79.4	87.3	90.2	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	33.0	41.0	51.0	67.0	79.7	87.6	90.4	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	33.3	41.3	51.3	67.3	80.0	87.9	90.8	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4500	33.8	41.8	51.8	68.0	80.7	88.6	91.4	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	34.6	42.6	52.7	69.0	81.7	89.6	92.4	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	35.0	43.1	53.4	69.9	82.9	90.8	93.8	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	35.1	43.6	54.0	70.9	84.3	92.2	95.2	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	35.2	43.8	54.2	71.2	84.7	92.7	95.7	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	35.2	43.9	54.3	71.8	85.6	93.8	97.1	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	35.2	44.1	54.6	72.1	86.0	94.2	97.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	35.2	44.1	54.6	72.1	86.1	94.3	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	61.4	71.1	79.6	85.4	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 20000	48.8	63.3	73.4	82.8	89.3	90.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 18000	48.8	63.3	73.8	83.1	89.8	91.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 16000	49.0	63.7	74.1	83.4	90.1	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 14000	50.1	65.1	75.8	85.3	92.1	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 12000	50.4	65.4	76.2	85.9	92.7	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 10000	50.4	65.4	76.2	85.9	92.7	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 9000	50.4	65.4	76.2	85.9	92.7	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 8000	50.6	65.6	76.3	86.0	92.8	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 7000	50.6	65.6	76.3	86.0	92.8	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 6000	50.7	65.7	76.4	86.1	92.9	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	50.9	65.9	76.7	86.3	93.1	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	51.6	66.9	77.7	87.3	94.1	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	52.0	67.3	78.2	87.9	94.7	96.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500	52.2	67.8	78.8	88.7	95.6	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000	52.2	67.9	78.9	89.1	96.1	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	52.2	67.9	78.9	89.1	96.1	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	52.2	67.9	79.0	89.7	97.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	69.0	78.1	83.8	88.3	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 20000	56.9	70.7	80.0	86.1	91.2	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 18000	56.9	70.7	80.0	86.1	91.2	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 16000	57.3	71.1	80.4	86.6	91.7	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 14000	57.7	71.4	81.1	87.3	92.8	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 12000	58.3	72.3	82.0	88.3	93.9	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 10000	58.4	72.4	82.1	88.4	94.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 9000	58.4	72.4	82.1	88.4	94.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 8000	58.7	72.7	82.3	88.7	94.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 7000	58.7	72.7	82.3	88.7	94.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 6000	58.9	72.9	82.6	88.9	94.4	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 5000	59.6	73.6	83.2	89.6	95.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	60.6	74.7	84.3	90.7	96.2	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4000	61.0	75.2	85.0	91.4	97.0	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3500	61.2	75.6	85.3	91.9	97.7	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000	61.2	75.6	85.3	91.9	97.7	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	61.2	75.6	85.4	92.1	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	61.2	75.7	85.6	92.3	98.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	61.2	75.7	85.6	92.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	61.2	75.7	85.6	92.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	61.2	75.7	85.6	92.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.3	66.4	75.7	81.6	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 20000	60.2	67.6	77.1	83.2	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 18000	60.2	67.6	77.1	83.2	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 16000	60.2	67.6	77.1	83.2	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 14000	60.9	68.3	77.9	84.0	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 12000	61.3	68.8	78.4	84.6	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 10000	61.6	69.0	78.7	84.8	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 9000	61.6	69.0	78.7	84.8	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8000	61.6	69.0	78.7	84.8	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	61.6	69.0	78.7	84.8	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	61.7	69.1	78.8	84.9	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	61.8	69.2	78.9	85.0	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	63.0	70.4	80.2	86.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4000	63.3	70.8	80.6	86.7	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	64.0	71.4	81.3	87.4	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	64.9	72.3	82.6	88.7	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	65.2	72.7	83.1	89.3	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	66.1	73.6	84.2	90.7	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	66.2	73.7	84.3	91.2	96.7	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	66.2	73.8	84.6	91.8	97.6	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	66.2	74.0	84.9	92.1	98.2	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	66.2	74.0	84.9	92.2	98.4	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	66.2	74.0	84.9	92.2	98.4	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.2	74.0	84.9	92.2	98.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	47.6	55.0	62.7	69.9	73.9	76.0	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 20000	40.6	48.7	56.3	64.4	71.9	76.1	78.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 18000	40.7	48.8	56.4	64.5	72.0	76.2	78.4	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	40.8	49.0	56.6	64.7	72.2	76.4	78.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	41.3	49.5	57.3	65.4	73.1	77.3	79.5	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	41.8	50.1	57.9	66.1	73.9	78.1	80.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	42.0	50.3	58.1	66.3	74.2	78.4	80.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	42.0	50.3	58.2	66.4	74.2	78.4	80.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	42.0	50.3	58.2	66.4	74.2	78.5	80.7	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	42.0	50.3	58.2	66.4	74.2	78.5	80.7	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 6000	42.1	50.5	58.3	66.5	74.4	78.6	80.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	42.6	50.9	58.8	67.0	74.8	79.1	81.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	43.3	51.7	59.6	67.9	75.8	80.1	82.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	43.8	52.3	60.2	68.6	76.5	80.8	83.0	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	44.4	52.9	61.0	69.5	77.6	81.8	84.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	44.9	53.5	61.7	70.4	78.6	83.0	85.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	45.3	54.0	62.5	71.5	79.9	84.4	86.7	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	45.9	54.7	63.4	72.8	81.5	86.3	88.7	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	46.1	55.0	63.8	73.4	82.4	87.5	90.0	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	46.3	55.2	64.0	73.9	83.3	88.7	91.4	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	46.5	55.4	64.6	74.8	84.7	90.4	93.5	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	46.5	55.5	64.7	75.1	85.3	91.3	94.8	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	46.5	55.6	64.8	75.2	85.4	91.6	95.2	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	46.5	55.6	64.8	75.2	85.6	91.8	95.6	97.5	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	46.5	55.6	64.8	75.2	85.6	91.9	95.7	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	46.5	55.6	64.8	75.2	85.7	92.0	95.8	98.0	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	46.5	55.6	64.8	75.2	85.7	92.0	95.9	98.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	46.5	55.6	64.8	75.2	85.7	92.0	96.0	98.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	46.5	55.6	64.8	75.2	85.7	92.0	96.0	98.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	46.5	55.6	64.8	75.2	85.7	92.0	96.0	98.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	46.5	55.6	64.8	75.2	85.7	92.0	96.0	98.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	46.5	55.6	64.8	75.2	85.7	92.0	96.0	98.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866      STATION NAME: NORTON AFB/SAN BERNARDINO CA      PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8      MONTH: JUL      HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.0	74.4	79.4	85.1	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 20000	69.0	75.7	80.6	86.3	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 18000	69.5	76.1	81.1	86.8	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 16000	69.5	76.1	81.1	86.8	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 14000	71.3	78.0	83.0	88.7	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000	74.1	80.9	86.1	91.8	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 10000	74.6	81.4	86.7	92.4	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 9000	74.6	81.4	86.7	92.4	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 8000	74.6	81.4	86.7	92.4	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 7000	74.6	81.4	86.7	92.4	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 6000	74.8	81.6	86.9	92.6	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000	74.9	81.7	87.0	92.7	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4500	74.9	81.7	87.0	92.7	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	74.9	81.7	87.0	92.8	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500	74.9	81.7	87.0	92.8	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	75.2	81.9	87.2	93.0	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	75.4	82.2	87.4	93.2	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	75.4	82.3	87.5	93.4	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	75.5	82.5	87.8	93.8	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	75.6	83.0	88.5	94.4	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	75.7	83.1	88.9	95.2	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	75.7	83.1	89.0	95.5	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	75.7	83.1	89.0	95.5	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	75.8	83.2	89.1	95.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	75.8	83.2	89.1	95.6	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	75.8	83.2	89.1	95.6	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	75.8	83.2	89.1	95.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.8	83.2	89.1	95.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.8	83.2	89.1	95.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.8	83.2	89.1	95.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.8	83.2	89.1	95.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.8	83.2	89.1	95.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS      930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	59.5	65.8	71.5	80.1	81.8	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83
GE 20000	54.7	60.3	67.0	72.8	81.5	83.2	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 18000	54.7	60.3	67.0	72.8	81.5	83.2	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 16000	54.7	60.3	67.0	72.8	81.5	83.2	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 14000	56.5	62.2	68.8	74.6	83.4	85.2	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 12000	59.1	64.8	71.7	77.5	86.5	88.2	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 10000	60.3	66.0	72.9	78.7	87.6	89.4	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	60.3	66.0	72.9	78.7	87.6	89.4	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 8000	60.6	66.3	73.2	79.0	88.0	89.7	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 7000	60.6	66.3	73.2	79.0	88.0	89.7	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 6000	61.0	66.7	73.5	79.4	88.3	90.0	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000	61.0	66.7	73.5	79.4	88.3	90.0	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4500	61.0	66.7	73.5	79.4	88.3	90.0	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	61.0	66.7	73.5	79.4	88.3	90.0	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	61.0	66.7	73.5	79.4	88.3	90.0	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	61.3	67.0	73.9	79.7	88.6	90.3	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	61.3	67.0	73.9	79.7	88.7	90.5	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	61.4	67.1	74.0	79.9	89.0	90.9	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	61.6	67.3	74.4	80.5	89.8	91.6	93.0	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	61.7	67.4	74.5	80.6	90.0	91.8	93.2	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	61.8	67.8	75.2	81.7	91.6	93.7	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	61.8	67.8	75.2	82.0	92.4	94.5	95.9	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	61.8	67.8	75.2	82.0	92.7	94.9	96.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	61.8	67.8	75.3	82.2	93.3	95.7	97.4	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	61.8	67.8	75.4	82.4	93.7	96.2	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	61.8	67.8	75.4	82.6	94.1	96.7	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	61.8	67.8	75.4	82.6	94.2	96.8	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	61.8	67.8	75.4	82.7	94.3	96.9	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	61.8	67.8	75.4	82.7	94.3	96.9	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	61.8	67.8	75.4	82.7	94.3	96.9	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.8	67.8	75.4	82.7	94.3	96.9	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	61.8	67.8	75.4	82.7	94.3	96.9	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.3	40.9	46.8	54.7	66.2	73.3	77.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 20000	37.7	41.4	48.0	56.2	67.7	74.8	79.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 18000	37.7	41.4	48.0	56.2	67.7	74.8	79.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 16000	37.7	41.4	48.0	56.2	67.7	74.8	79.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 14000	39.7	43.5	50.1	58.4	70.0	77.2	82.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 12000	41.6	45.6	52.3	60.9	72.9	80.2	85.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 10000	41.8	45.8	52.5	61.1	73.1	80.4	85.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000	41.8	45.8	52.5	61.1	73.1	80.4	85.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 8000	42.2	46.1	52.8	61.4	73.4	80.8	85.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	42.2	46.1	52.8	61.4	73.4	80.8	85.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	42.2	46.2	52.9	61.5	73.5	80.9	85.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	42.2	46.2	52.9	61.5	73.7	81.0	85.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	42.2	46.2	52.9	61.5	73.8	81.1	86.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	42.2	46.3	53.0	61.6	73.9	81.2	86.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	42.2	46.3	53.0	61.6	73.9	81.2	86.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	42.4	46.6	53.2	61.8	74.1	81.4	86.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	42.5	46.7	53.5	62.2	74.6	82.3	87.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	42.7	47.1	54.3	62.9	75.8	83.5	88.8	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	42.7	47.1	54.3	62.9	75.9	83.8	89.0	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	42.8	47.2	54.4	63.0	76.1	84.2	89.5	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	42.9	47.3	54.6	63.2	76.5	85.5	91.2	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	42.9	47.3	54.6	63.2	77.0	86.1	92.4	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	42.9	47.3	54.6	63.3	77.1	87.0	93.7	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	42.9	47.3	54.6	63.3	77.2	87.3	94.2	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	42.9	47.3	54.6	63.3	77.3	87.5	94.8	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	42.9	47.3	54.6	63.3	77.3	87.5	94.8	97.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	42.9	47.3	54.6	63.3	77.3	87.5	95.2	97.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	42.9	47.3	54.6	63.3	77.3	87.5	95.2	97.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	42.9	47.3	54.6	63.3	77.3	87.5	95.3	98.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	42.9	47.3	54.6	63.3	77.3	87.5	95.3	98.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	42.9	47.3	54.6	63.3	77.3	87.5	95.3	98.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	42.9	47.3	54.6	63.3	77.3	87.5	95.3	98.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	49.5	57.1	65.1	74.3	82.5	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 20000	43.3	50.9	59.0	67.1	76.5	84.6	89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 18000	43.5	51.1	59.5	67.5	76.9	85.1	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 16000	43.7	51.2	59.6	67.6	77.0	85.2	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 14000	44.6	52.4	60.9	68.9	78.3	86.5	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 12000	46.0	54.3	62.8	71.2	81.1	89.4	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 10000	46.3	54.6	63.1	71.6	81.5	89.8	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 9000	46.5	54.7	63.2	71.7	81.6	89.9	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 8000	46.7	54.9	63.4	71.9	81.8	90.1	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 7000	46.7	54.9	63.4	71.9	81.8	90.1	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 6000	46.7	54.9	63.4	71.9	81.8	90.1	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 5000	46.7	54.9	63.5	72.2	82.2	90.4	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	46.7	54.9	63.5	72.2	82.2	90.4	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4000	46.7	54.9	63.5	72.2	82.2	90.4	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	46.7	54.9	63.5	72.2	82.2	90.4	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	47.0	55.3	63.9	72.5	82.5	90.9	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	47.0	55.3	63.9	72.5	82.5	91.4	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	47.0	55.3	64.0	72.6	82.7	91.6	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	47.0	55.3	64.0	72.6	82.9	91.9	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	47.0	55.3	64.0	72.6	83.0	92.3	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	47.0	55.3	64.0	72.6	83.2	92.5	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	61.7	69.0	78.2	85.4	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 20000	53.0	63.7	71.5	80.9	88.3	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 18000	53.3	64.0	71.9	81.3	88.7	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 16000	53.3	64.0	71.9	81.3	88.7	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 14000	54.6	65.3	73.3	83.0	90.8	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 12000	56.2	67.2	75.7	85.7	93.9	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 10000	56.7	67.7	76.2	86.2	94.4	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 9000	56.9	68.0	76.5	86.5	94.6	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 8000	57.4	68.5	77.0	87.0	95.2	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 7000	57.4	68.5	77.0	87.0	95.2	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 6000	57.5	68.6	77.1	87.1	95.3	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 5000	57.7	68.9	77.6	87.6	95.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4500	57.7	68.9	77.6	87.6	95.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4000	57.7	68.9	77.6	87.6	95.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3500	57.8	69.0	77.7	87.7	96.0	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	57.8	69.0	77.7	87.7	96.0	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	57.8	69.0	77.7	87.7	96.0	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	57.8	69.0	77.7	87.7	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.1	75.8	81.7	86.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 20000	69.9	78.8	85.3	90.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 18000	70.1	79.0	85.6	90.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 16000	70.2	79.1	85.7	90.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 14000	72.4	81.6	88.3	93.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 12000	74.4	83.8	90.9	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 10000	75.3	84.7	91.9	96.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 9000	75.3	84.7	91.9	96.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 8000	75.5	84.9	92.2	97.0	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 7000	75.5	84.9	92.2	97.0	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 6000	75.8	85.4	92.6	97.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 5000	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.3	85.9	93.1	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.9	81.1	84.7	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 20000	78.2	84.5	88.4	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 18000	78.2	84.5	88.4	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 16000	78.4	84.7	88.7	92.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 14000	80.1	86.7	91.1	94.8	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 12000	82.5	89.1	93.7	97.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 10000	82.8	89.5	94.0	97.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 9000	82.8	89.5	94.0	97.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 8000	82.8	89.5	94.0	97.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 7000	82.8	89.5	94.0	97.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 6000	82.8	89.5	94.0	97.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 5000	83.1	89.8	94.3	98.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500	83.1	89.8	94.3	98.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4000	83.1	89.8	94.3	98.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3500	83.3	90.0	94.5	98.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	83.3	90.0	94.5	98.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	83.3	90.0	94.5	98.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	83.3	90.0	94.5	98.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.3	90.0	94.5	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.2	84.0	87.6	90.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 20000	80.2	86.0	89.8	92.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 18000	80.2	86.0	89.8	92.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 16000	80.3	86.1	90.0	92.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 14000	82.2	88.0	92.0	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 12000	83.7	89.7	93.8	96.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 10000	83.9	89.9	94.0	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 9000	83.9	89.9	94.0	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 8000	83.9	89.9	94.0	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 7000	83.9	89.9	94.0	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6000	83.9	89.9	94.0	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 5000	84.1	90.1	94.2	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4500	84.2	90.2	94.3	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4000	84.5	90.5	94.6	97.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	84.5	90.5	94.6	97.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	84.5	90.5	94.6	97.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500	84.5	90.5	94.6	97.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	84.5	90.5	94.6	97.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	84.5	90.5	94.7	97.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	84.5	90.5	94.7	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	84.5	90.5	94.7	97.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	84.6	90.6	94.8	97.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.6	90.6	94.8	97.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.1	65.8	71.5	77.4	82.9	85.3	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 20000	60.8	67.7	73.7	79.7	85.3	87.8	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 18000	60.9	67.8	73.9	79.9	85.5	88.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 16000	61.0	67.9	74.0	80.0	85.6	88.1	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 14000	62.7	69.7	75.9	82.0	87.7	90.2	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 12000	64.7	71.9	78.4	84.6	90.4	93.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 10000	65.2	72.5	78.9	85.1	91.0	93.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 9000	65.3	72.5	79.0	85.2	91.0	93.6	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 8000	65.5	72.7	79.2	85.4	91.3	93.8	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 7000	65.5	72.7	79.2	85.4	91.3	93.8	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 6000	65.6	72.8	79.3	85.5	91.4	94.0	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 5000	65.8	73.0	79.5	85.8	91.7	94.2	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	65.8	73.1	79.5	85.8	91.7	94.2	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	65.8	73.1	79.6	85.9	91.8	94.3	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	65.8	73.1	79.6	85.9	91.8	94.4	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	66.0	73.3	79.8	86.0	92.0	94.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	66.0	73.3	79.8	86.1	92.1	94.8	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	66.1	73.4	80.0	86.3	92.4	95.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	66.1	73.5	80.1	86.4	92.6	95.4	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	66.1	73.5	80.2	86.5	92.8	95.6	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	66.2	73.6	80.3	86.8	93.1	96.1	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	66.2	73.6	80.4	86.9	93.4	96.4	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	66.2	73.6	80.4	86.9	93.4	96.5	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	66.2	73.7	80.4	86.9	93.5	96.7	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	66.2	73.7	80.4	87.0	93.6	96.8	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	66.2	73.7	80.4	87.0	93.7	96.8	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	66.2	73.7	80.4	87.0	93.7	96.9	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	66.2	73.7	80.4	87.0	93.7	96.9	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	66.2	73.7	80.4	87.0	93.7	96.9	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.2	73.7	80.4	87.0	93.7	96.9	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.2	73.7	80.4	87.0	93.7	96.9	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.2	73.7	80.4	87.0	93.7	96.9	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	69.7	76.6	81.7	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 20000	62.6	71.0	77.8	83.0	86.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 18000	62.8	71.2	78.1	83.2	86.6	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 16000	63.1	71.5	78.4	83.5	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 14000	64.7	73.2	80.2	85.4	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 12000	66.8	75.3	82.8	88.0	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 10000	67.7	76.2	83.8	88.9	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 9000	67.7	76.2	83.8	88.9	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 8000	67.7	76.2	83.8	88.9	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 7000	67.7	76.2	83.8	88.9	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 6000	67.7	76.2	83.8	88.9	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 5000	68.1	76.6	84.1	89.2	93.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	68.1	76.6	84.1	89.2	93.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	68.1	76.6	84.1	89.2	93.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	68.4	76.9	84.4	89.6	93.3	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	68.6	77.1	84.7	89.9	93.7	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	69.0	77.5	85.2	90.3	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	69.5	78.3	86.5	91.6	95.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	69.7	78.5	86.8	92.2	96.1	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	70.0	79.1	87.8	93.2	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	70.3	79.9	88.6	94.0	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	70.3	79.9	88.7	94.2	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	70.3	79.9	88.7	94.2	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	70.3	79.9	88.7	94.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.7	58.1	64.7	72.2	77.8	79.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 20000	53.0	59.4	66.0	73.4	79.1	80.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 18000	53.1	59.5	66.1	73.5	79.2	81.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	53.2	59.7	66.3	73.8	79.5	81.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	54.9	61.7	68.4	75.8	81.5	83.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 12000	56.7	63.4	70.1	77.7	83.7	85.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	57.7	64.6	71.3	78.9	84.8	87.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 9000	57.7	64.6	71.3	78.9	84.8	87.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 8000	57.7	64.6	71.3	78.9	84.8	87.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 7000	57.7	64.6	71.3	78.9	84.8	87.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	57.8	64.7	71.4	79.0	84.9	87.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 5000	58.2	65.1	71.7	79.4	85.3	87.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	58.2	65.1	71.7	79.4	85.3	87.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	58.2	65.1	71.7	79.4	85.3	87.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	58.5	65.4	72.0	79.7	85.6	88.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	58.8	65.7	72.4	80.0	85.9	88.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	59.1	66.0	72.7	80.3	86.2	88.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	59.5	66.3	73.4	81.2	87.2	89.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	59.6	66.6	73.7	81.7	87.7	90.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	59.8	67.2	74.5	83.5	89.9	92.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	60.3	67.8	75.5	84.9	91.5	94.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	60.3	68.1	76.2	85.9	93.1	96.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	60.4	68.2	76.3	86.0	93.4	96.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	60.4	68.3	76.5	86.2	94.2	97.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	60.4	68.3	76.5	86.2	94.2	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	60.4	68.3	76.5	86.2	94.3	97.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	60.4	68.3	76.5	86.3	94.4	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	60.4	68.3	76.5	86.3	94.4	98.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.4	68.3	76.5	86.3	94.4	98.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.4	68.3	76.5	86.3	94.4	98.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.4	68.3	76.5	86.3	94.4	98.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.4	68.3	76.5	86.3	94.4	98.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.1	39.4	46.8	55.5	66.0	73.0	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 20000	33.9	40.1	47.5	56.5	67.1	74.1	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	33.9	40.1	47.5	56.5	67.1	74.1	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 16000	33.9	40.1	47.5	56.5	67.1	74.1	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 14000	35.8	42.2	49.7	58.7	69.5	76.6	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 12000	37.3	43.8	51.3	60.5	71.5	78.6	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 10000	38.1	44.8	52.5	61.9	73.0	80.1	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	38.1	44.8	52.5	61.9	73.0	80.1	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 8000	38.1	44.8	52.5	61.9	73.0	80.1	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	38.1	44.8	52.5	61.9	73.0	80.1	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	38.1	44.8	52.5	61.9	73.0	80.1	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	38.7	45.5	53.1	62.6	73.7	80.8	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	38.7	45.5	53.1	62.6	73.7	80.8	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	38.7	45.5	53.1	62.6	73.7	80.8	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	39.0	45.9	53.5	63.0	74.1	81.2	84.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	39.2	46.2	54.0	63.4	74.5	81.6	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	39.9	47.1	55.1	64.6	76.0	83.1	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	39.9	47.1	55.1	64.8	76.6	83.8	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	39.9	47.1	55.1	64.9	76.9	84.2	87.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	39.9	47.1	55.2	65.3	77.4	85.7	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	39.9	47.1	55.3	65.8	78.5	87.6	91.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	39.9	47.1	55.3	65.8	78.7	88.2	92.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	39.9	47.1	55.3	65.8	78.9	88.6	92.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	39.9	47.1	55.3	65.9	79.4	89.4	94.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	39.9	47.1	55.4	66.0	79.6	89.8	94.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	39.9	47.1	55.4	66.0	79.7	89.9	94.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	39.9	47.1	55.4	66.0	79.7	90.2	95.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	39.9	47.1	55.5	66.1	79.9	90.5	96.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	39.9	47.1	55.5	66.1	79.9	90.5	96.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	39.9	47.1	55.5	66.1	79.9	90.5	96.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	39.9	47.1	55.5	66.1	79.9	90.5	96.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	39.9	47.1	55.5	66.1	79.9	90.5	96.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.5	46.1	54.6	64.2	73.4	80.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 20000	39.7	46.9	55.6	65.4	74.9	82.4	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 18000	39.9	47.1	55.8	65.6	75.2	82.6	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 16000	39.9	47.1	55.8	65.6	75.2	82.6	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 14000	41.4	48.6	57.4	67.2	76.8	84.3	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 12000	42.6	50.2	59.6	69.7	79.4	86.9	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 10000	43.7	51.3	61.0	71.3	81.0	88.6	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 9000	43.7	51.3	61.0	71.3	81.0	88.6	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 8000	43.7	51.4	61.1	71.4	81.1	88.7	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 7000	43.7	51.4	61.1	71.4	81.1	88.7	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 6000	43.8	51.5	61.2	71.5	81.2	88.8	92.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	43.9	51.6	61.3	71.6	81.3	88.9	92.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	43.9	51.6	61.3	71.7	81.4	89.0	92.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4000	44.2	51.9	61.6	72.0	81.7	89.4	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	44.2	51.9	61.6	72.0	81.7	89.4	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	44.6	52.5	62.3	72.9	82.7	90.3	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	44.6	52.6	62.5	73.3	83.1	90.6	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	44.6	52.6	62.5	73.3	83.4	91.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	44.6	52.6	62.5	73.3	83.4	91.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	44.6	52.6	62.6	73.5	84.1	92.3	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	44.6	52.6	62.6	73.5	84.3	92.9	97.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	44.6	52.6	62.6	73.5	84.3	92.9	97.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	44.6	52.6	62.6	73.5	84.3	92.9	97.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	44.7	52.7	62.7	73.7	84.4	93.0	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	44.7	52.7	62.7	73.7	84.4	93.0	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	44.8	52.8	62.8	73.8	84.5	93.1	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	44.8	52.8	62.8	73.8	84.5	93.1	97.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	44.8	52.8	62.8	73.8	84.5	93.2	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	44.8	52.8	62.8	73.8	84.5	93.2	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	44.8	52.8	62.8	73.8	84.5	93.2	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	44.8	52.8	62.8	73.8	84.5	93.2	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	44.8	52.8	62.8	73.8	84.5	93.2	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	59.1	69.4	77.0	84.6	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 20000	51.1	61.0	71.5	79.5	87.5	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 18000	51.1	61.0	71.5	79.5	87.5	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 16000	51.2	61.1	71.6	79.7	87.7	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 14000	52.3	62.4	73.2	81.5	89.7	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 12000	54.8	65.2	76.2	85.1	93.9	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 10000	55.3	65.6	76.7	85.6	94.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 9000	55.3	65.6	76.7	85.6	94.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 8000	55.3	65.6	76.7	85.6	94.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 7000	55.3	65.6	76.7	85.6	94.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 6000	55.3	65.6	76.7	85.7	94.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 5000	55.3	65.6	76.7	85.7	94.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4500	55.3	65.6	76.7	85.7	94.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	55.3	65.6	76.7	85.7	94.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3500	55.5	65.9	77.0	86.0	95.2	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	55.7	66.3	77.4	86.7	95.8	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	55.7	66.3	77.4	86.8	95.9	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	55.7	66.3	77.4	86.8	95.9	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	55.7	66.3	77.4	86.8	95.9	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	55.7	66.3	77.5	86.9	96.0	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	55.7	66.3	77.5	86.9	96.0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	74.7	81.3	84.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 20000	67.2	79.4	86.2	89.9	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 18000	67.3	79.5	86.3	90.0	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 16000	67.5	79.7	86.6	90.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 14000	68.8	81.0	88.0	91.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 12000	70.9	83.2	90.4	94.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 10000	71.2	83.5	90.8	95.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 9000	71.2	83.5	90.8	95.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 8000	71.3	83.7	90.9	95.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 7000	71.3	83.7	90.9	95.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 6000	71.7	84.1	91.5	95.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 5000	71.8	84.2	91.6	95.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4500	71.8	84.3	91.8	96.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4000	71.8	84.3	91.8	96.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	71.8	84.3	91.8	96.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000	71.8	84.3	91.8	96.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	71.8	84.3	91.8	96.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	71.8	84.3	91.8	96.6	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	71.8	84.3	91.8	96.6	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.8	84.3	91.8	96.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.3	78.3	84.3	86.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 20000	74.3	81.5	87.8	90.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 18000	74.5	81.8	88.2	90.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 16000	74.7	82.0	88.4	90.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 14000	75.2	82.5	88.8	91.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000	78.0	85.4	92.2	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 10000	78.6	86.0	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 9000	78.6	86.0	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 8000	78.6	86.0	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 7000	78.6	86.0	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 6000	79.0	86.7	93.5	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 5000	79.6	87.4	94.3	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4500	79.7	87.5	94.4	97.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4000	79.7	87.6	94.5	97.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500	79.7	87.6	94.5	97.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	79.9	88.0	94.8	97.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500	79.9	88.0	94.8	97.5	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	79.9	88.1	94.9	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	79.9	88.1	94.9	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	79.9	88.1	94.9	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	79.9	88.1	94.9	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.9	88.1	94.9	97.6	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.6	79.4	84.8	88.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 20000	73.1	80.9	86.3	89.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 18000	73.4	81.2	86.7	89.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 16000	73.5	81.5	87.0	90.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 14000	74.3	82.4	87.8	91.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000	76.8	85.2	90.8	94.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 10000	78.0	86.3	91.9	95.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 9000	78.0	86.3	91.9	95.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 8000	78.0	86.3	91.9	95.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 7000	78.0	86.3	91.9	95.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 6000	78.0	86.5	92.0	95.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 5000	78.2	86.7	92.3	95.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500	78.5	87.0	92.6	95.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4000	78.5	87.0	92.6	95.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	78.5	87.0	92.6	95.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	78.9	87.7	93.3	96.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	78.9	87.7	93.4	96.9	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	79.0	88.1	93.8	97.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	79.2	88.4	94.1	97.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	79.4	88.7	94.4	98.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.4	88.8	94.5	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	63.1	70.3	76.2	81.2	83.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 20000	56.9	65.0	72.4	78.4	83.6	86.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 18000	57.0	65.2	72.5	78.6	83.8	86.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 16000	57.1	65.3	72.7	78.8	84.0	86.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 14000	58.4	66.7	74.2	80.3	85.6	88.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 12000	60.5	69.0	76.7	83.0	88.4	90.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 10000	61.3	69.8	77.6	84.1	89.7	92.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 9000	61.3	69.8	77.6	84.1	89.7	92.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 8000	61.3	69.8	77.6	84.1	89.7	92.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 7000	61.3	69.8	77.6	84.1	89.7	92.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 6000	61.4	70.0	77.8	84.3	90.0	92.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 5000	61.7	70.3	78.1	84.6	90.3	92.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500	61.8	70.4	78.2	84.7	90.4	92.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	61.8	70.4	78.3	84.8	90.4	93.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	61.9	70.6	78.4	84.9	90.6	93.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	62.2	71.0	78.8	85.4	91.1	93.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	62.4	71.2	79.1	85.8	91.5	94.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	62.5	71.4	79.4	86.1	92.0	94.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	62.6	71.5	79.5	86.3	92.2	95.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	62.6	71.7	79.9	86.8	92.8	95.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	62.7	71.9	80.1	87.2	93.3	96.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	62.7	71.9	80.2	87.3	93.6	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	62.8	71.9	80.2	87.3	93.7	96.9	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	62.8	71.9	80.2	87.4	93.9	97.2	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	62.8	71.9	80.3	87.4	93.9	97.3	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	62.8	71.9	80.3	87.4	94.0	97.3	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	62.8	71.9	80.3	87.5	94.0	97.4	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	62.8	71.9	80.3	87.5	94.0	97.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.8	71.9	80.3	87.5	94.0	97.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.8	71.9	80.3	87.5	94.0	97.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.8	71.9	80.3	87.5	94.0	97.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.8	71.9	80.3	87.5	94.0	97.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	54.3	60.3	64.8	71.7	74.2	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 20000	49.7	55.3	61.4	66.0	73.2	75.8	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	49.9	55.6	61.7	66.2	73.4	76.0	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 16000	49.9	55.6	61.7	66.2	73.4	76.0	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 14000	50.9	56.7	62.8	67.3	74.6	77.1	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 12000	51.7	57.9	64.0	68.6	75.8	78.3	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 10000	52.6	58.8	64.9	69.4	76.7	79.2	80.7	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 9000	52.6	58.8	64.9	69.4	76.7	79.2	80.7	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 8000	52.9	59.1	65.2	69.8	77.0	79.6	81.0	81.4	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8
GE 7000	53.0	59.2	65.3	69.9	77.1	79.7	81.1	81.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9
GE 6000	53.4	59.8	65.9	70.4	77.8	80.3	81.8	82.2	82.2	82.3	82.4	82.4	82.6	82.6	82.6	82.6
GE 5000	54.2	60.6	66.8	71.3	78.7	81.2	82.7	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4
GE 4500	56.6	63.0	69.2	73.8	81.1	83.7	85.1	85.6	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9
GE 4000	57.4	63.9	70.1	74.7	82.0	84.6	86.0	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8
GE 3500	58.9	65.3	71.6	76.1	83.6	86.1	87.6	88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3
GE 3000	59.6	66.0	72.2	76.8	84.3	86.9	88.3	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
GE 2500	60.9	67.4	73.7	78.2	85.8	88.3	89.8	90.2	90.2	90.3	90.4	90.4	90.6	90.6	90.6	90.6
GE 2000	62.4	69.1	75.7	80.2	87.8	90.3	91.8	92.2	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6
GE 1800	62.9	69.6	76.1	80.8	88.4	91.1	92.7	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 1500	63.2	70.0	76.8	81.7	89.3	92.1	93.9	94.3	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7
GE 1200	63.8	70.7	77.6	82.8	91.6	94.3	96.2	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 1000	64.0	70.9	78.2	83.7	92.4	95.2	97.3	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 900	64.0	70.9	78.3	83.8	92.7	95.6	97.7	98.2	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6
GE 800	64.0	70.9	78.3	83.9	93.1	96.0	98.2	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	64.0	70.9	78.3	83.9	93.1	96.1	98.4	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	50.9	55.1	59.6	63.8	66.6	68.4	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 20000	48.3	51.9	56.1	60.7	65.0	68.0	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	48.4	52.0	56.2	60.8	65.1	68.1	70.0	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	48.4	52.0	56.2	60.8	65.1	68.1	70.0	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	49.7	53.4	57.8	62.3	66.7	69.7	71.6	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 12000	51.9	55.7	60.2	64.8	69.1	72.1	74.0	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 10000	52.3	56.1	60.7	65.2	69.6	72.6	74.4	75.1	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4
GE 9000	52.3	56.1	60.7	65.2	69.6	72.6	74.4	75.1	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4
GE 8000	52.6	56.3	60.9	65.4	69.8	72.8	74.7	75.3	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7
GE 7000	52.8	56.6	61.1	65.7	70.0	73.0	74.9	75.6	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9
GE 6000	53.1	56.9	61.6	66.1	70.4	73.4	75.3	76.0	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3
GE 5000	53.9	57.7	62.3	66.9	71.2	74.2	76.1	76.8	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1
GE 4500	54.7	58.7	63.3	68.0	72.3	75.3	77.2	77.9	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2
GE 4000	55.2	59.2	63.9	68.6	72.9	75.9	77.8	78.4	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8
GE 3500	57.3	61.3	66.1	70.8	75.1	78.1	80.0	80.7	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0
GE 3000	58.3	62.3	67.1	71.9	76.3	79.3	81.2	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2
GE 2500	59.6	63.8	68.7	73.6	78.0	81.0	82.9	83.6	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0
GE 2000	60.3	64.7	70.4	75.4	79.9	82.9	84.8	85.4	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
GE 1800	60.7	65.1	70.9	76.4	81.0	84.0	85.9	86.6	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0
GE 1500	60.9	65.4	71.3	77.8	82.4	85.7	87.8	88.6	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0
GE 1200	61.2	65.9	72.0	79.4	85.1	88.7	91.3	92.2	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7
GE 1000	61.2	66.0	72.2	79.9	85.7	89.3	92.1	93.0	93.2	93.3	93.3	93.3	93.6	93.6	93.6	93.6
GE 900	61.2	66.0	72.2	80.2	86.1	90.2	93.1	94.1	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7
GE 800	61.2	66.1	72.3	80.7	87.0	91.6	94.9	95.9	96.3	96.4	96.4	96.4	96.7	96.7	96.7	96.7
GE 700	61.2	66.1	72.3	80.8	87.1	91.7	95.0	96.1	96.6	96.7	96.7	96.7	96.9	96.9	96.9	96.9
GE 600	61.2	66.1	72.3	80.9	87.4	92.1	95.8	96.9	97.3	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 500	61.2	66.1	72.3	81.0	87.7	92.4	96.4	97.6	98.1	98.3	98.3	98.3	98.6	98.6	98.6	98.6
GE 400	61.2	66.1	72.3	81.0	87.7	92.4	96.4	97.6	98.3	99.2	99.2	99.2	99.4	99.4	99.6	99.6
GE 300	61.2	66.1	72.3	81.0	87.9	92.7	96.7	97.8	98.6	99.4	99.4	99.4	99.7	99.7	99.8	99.8
GE 200	61.2	66.1	72.3	81.0	87.9	92.7	96.7	97.8	98.6	99.4	99.4	99.4	99.7	99.7	99.8	99.9
GE 100	61.2	66.1	72.3	81.0	87.9	92.7	96.7	97.8	98.6	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	61.2	66.1	72.3	81.0	87.9	92.7	96.7	97.8	98.6	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	44.6	47.7	50.8	55.9	59.4	61.8	62.7	62.7	62.7	62.8	62.8	63.0	63.0	63.0	63.0
GE 20000	44.0	46.8	50.1	53.3	58.6	62.2	64.6	65.4	65.4	65.4	65.6	65.6	65.8	65.8	65.8	65.8
GE 18000	44.0	46.8	50.2	53.4	58.7	62.3	64.8	65.7	65.7	65.7	65.8	65.8	66.0	66.0	66.0	66.0
GE 16000	44.0	46.8	50.2	53.4	58.7	62.3	64.9	65.9	65.9	65.9	66.0	66.0	66.2	66.2	66.2	66.2
GE 14000	45.1	47.9	51.3	54.6	59.8	63.4	66.0	67.0	67.0	67.0	67.1	67.1	67.3	67.3	67.3	67.3
GE 12000	46.9	49.8	53.6	56.9	62.3	66.3	68.9	69.9	69.9	69.9	70.0	70.0	70.2	70.2	70.2	70.2
GE 10000	48.6	51.4	55.2	58.8	64.3	68.3	70.9	71.9	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2
GE 9000	48.6	51.4	55.2	58.8	64.3	68.3	70.9	71.9	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2
GE 8000	48.6	51.4	55.2	58.8	64.3	68.3	70.9	71.9	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2
GE 7000	48.6	51.4	55.2	58.8	64.3	68.3	70.9	71.9	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2
GE 6000	48.9	51.8	55.6	59.1	64.7	68.7	71.2	72.2	72.2	72.2	72.3	72.3	72.6	72.6	72.6	72.6
GE 5000	50.0	53.1	57.1	60.7	66.2	70.2	72.8	73.8	73.8	73.8	73.9	73.9	74.1	74.1	74.1	74.1
GE 4500	51.0	54.1	58.2	61.8	67.3	71.3	73.9	74.9	74.9	74.9	75.0	75.0	75.2	75.2	75.2	75.2
GE 4000	51.4	54.9	59.0	62.7	68.3	72.3	74.9	75.9	75.9	75.9	76.0	76.0	76.2	76.2	76.2	76.2
GE 3500	53.2	56.9	61.3	65.0	70.9	75.0	77.6	78.6	78.6	78.6	78.7	78.7	78.9	78.9	78.9	78.9
GE 3000	54.8	58.4	62.9	66.7	72.7	76.9	79.6	80.6	80.6	80.6	80.7	80.7	80.9	80.9	80.9	80.9
GE 2500	55.8	59.7	64.3	68.2	74.3	78.8	81.6	82.6	82.6	82.6	82.7	82.7	82.9	82.9	82.9	82.9
GE 2000	56.1	60.3	65.2	69.3	76.1	80.9	84.0	85.3	85.3	85.3	85.4	85.4	85.7	85.7	85.7	85.7
GE 1800	56.6	60.8	65.8	70.1	77.2	82.2	85.4	86.8	86.8	86.8	86.9	86.9	87.1	87.1	87.1	87.1
GE 1500	56.7	60.9	65.9	70.4	78.1	83.8	87.0	88.7	88.8	88.8	88.9	88.9	89.2	89.2	89.2	89.2
GE 1200	56.7	60.9	65.9	70.8	78.7	84.9	88.4	90.7	90.8	90.9	91.0	91.0	91.3	91.3	91.3	91.3
GE 1000	56.7	60.9	65.9	70.8	78.7	85.2	89.2	91.7	91.8	92.0	92.2	92.2	92.6	92.6	92.7	92.7
GE 900	56.7	60.9	65.9	71.0	79.0	85.9	90.1	93.2	93.3	93.6	93.8	93.8	94.1	94.1	94.2	94.2
GE 800	56.7	60.9	65.9	71.0	79.0	86.3	91.0	94.9	95.2	95.4	95.7	95.7	96.0	96.0	96.1	96.1
GE 700	56.7	60.9	65.9	71.0	79.0	86.6	91.3	95.2	95.7	96.0	96.4	96.4	96.8	96.8	96.9	96.9
GE 600	56.7	60.9	65.9	71.0	79.0	86.8	91.7	95.7	96.1	96.4	96.9	96.9	97.2	97.2	97.3	97.3
GE 500	56.7	60.9	65.9	71.0	79.0	86.8	92.1	96.1	96.6	97.0	97.4	97.4	97.8	97.8	97.9	97.9
GE 400	56.7	60.9	65.9	71.0	79.0	86.8	92.2	96.4	97.0	97.6	98.2	98.2	98.7	98.7	98.8	98.8
GE 300	56.7	60.9	65.9	71.0	79.0	86.8	92.2	96.6	97.1	97.8	98.7	98.7	99.1	99.1	99.3	99.3
GE 200	56.7	60.9	65.9	71.0	79.0	86.8	92.2	96.6	97.1	97.8	98.7	98.7	99.1	99.2	99.4	99.8
GE 100	56.7	60.9	65.9	71.0	79.0	86.8	92.2	96.6	97.1	97.9	98.8	98.8	99.2	99.3	99.6	100.0
GE 000	56.7	60.9	65.9	71.0	79.0	86.8	92.2	96.6	97.1	97.9	98.8	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	47.8	53.6	58.1	63.9	68.2	70.9	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 20000	46.9	51.2	57.0	61.8	67.8	72.2	75.0	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 18000	46.9	51.2	57.0	61.9	67.9	72.3	75.1	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 16000	46.9	51.2	57.0	61.9	68.0	72.4	75.2	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	47.9	52.2	58.2	63.1	69.2	73.7	76.4	78.2	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 12000	49.9	54.3	60.6	65.6	71.9	76.6	79.4	81.2	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	51.6	56.0	62.2	67.4	73.8	78.4	81.3	83.1	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	51.6	56.0	62.2	67.4	73.8	78.4	81.3	83.1	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6
GE 8000	51.9	56.3	62.7	67.9	74.2	78.9	81.8	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	51.9	56.3	62.7	68.0	74.3	79.0	81.9	83.7	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	52.9	57.3	63.7	69.0	75.3	80.0	82.9	84.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1
GE 5000	54.0	58.4	64.8	70.1	76.4	81.1	84.0	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	55.2	59.8	66.2	71.6	77.9	82.6	85.4	87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 4000	56.2	61.0	67.4	72.8	79.1	83.8	86.7	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	56.3	61.1	67.7	73.1	79.6	84.4	87.3	89.1	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	57.6	62.7	69.4	74.9	81.4	86.3	89.2	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	57.8	63.0	69.8	75.9	82.8	88.2	91.1	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	57.8	63.0	69.9	76.2	83.6	89.3	92.7	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	58.0	63.2	70.2	76.7	84.1	90.0	93.3	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	58.0	63.3	70.3	77.2	84.7	90.8	94.3	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	58.0	63.3	70.3	77.3	84.8	90.9	95.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	58.0	63.3	70.3	77.3	84.9	91.1	95.9	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	58.0	63.3	70.3	77.3	85.0	91.2	96.0	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	58.0	63.3	70.3	77.3	85.0	91.2	96.0	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	58.0	63.3	70.3	77.3	85.0	91.2	96.1	98.9	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	53.8	60.4	65.6	73.3	76.1	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 20000	49.3	56.7	63.4	68.6	76.4	79.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	49.3	56.7	63.4	68.6	76.4	79.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	49.4	56.8	63.6	68.7	76.6	79.4	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	51.7	59.0	65.8	70.9	78.8	81.7	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 12000	54.4	62.0	69.0	74.3	82.8	85.7	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 10000	55.8	63.3	70.3	75.8	84.2	87.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 9000	55.8	63.3	70.3	75.8	84.2	87.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 8000	56.1	63.7	70.7	76.1	84.6	87.7	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 7000	56.1	63.7	70.8	76.3	84.8	87.9	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 6000	57.6	65.2	72.3	78.0	86.4	89.6	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 5000	58.7	66.3	73.4	79.1	87.6	90.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4500	59.8	67.6	74.7	80.4	88.9	92.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	61.4	69.6	76.8	82.6	91.0	94.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	62.0	70.1	77.3	83.4	91.9	95.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	62.2	70.4	77.8	84.1	92.6	95.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	62.3	70.6	78.0	84.3	93.0	96.1	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	62.3	70.8	78.2	84.6	93.2	96.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	62.3	70.9	78.3	84.7	93.3	96.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	62.3	71.0	78.4	84.8	93.4	96.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	62.3	71.0	78.4	84.8	93.4	96.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	62.4	71.1	78.6	84.9	93.6	96.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	62.4	71.1	78.6	84.9	93.6	96.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	62.4	71.1	78.6	84.9	93.6	96.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	62.4	71.1	78.6	84.9	93.6	96.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	62.4	71.1	78.7	85.0	93.7	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	62.4	71.1	78.7	85.0	93.7	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.4	71.1	78.7	85.0	93.7	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.4	71.1	78.7	85.0	93.7	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.4	71.1	78.7	85.0	93.7	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.4	71.1	78.7	85.0	93.7	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.4	71.1	78.7	85.0	93.7	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	58.6	65.8	72.6	76.6	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 20000	53.7	61.7	69.0	76.0	80.3	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	53.7	61.8	69.1	76.1	80.4	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 16000	53.7	61.8	69.1	76.1	80.4	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	56.2	64.4	72.0	79.0	83.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 12000	59.4	67.8	75.4	82.7	87.2	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 10000	61.0	69.3	77.3	84.7	89.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 9000	61.2	69.7	77.7	85.0	89.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 8000	61.6	70.0	78.0	85.3	90.0	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 7000	61.6	70.0	78.0	85.3	90.0	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 6000	62.6	71.2	79.2	86.6	91.2	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 5000	63.8	72.7	80.7	88.0	92.7	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4500	65.3	74.3	82.3	89.7	94.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	67.3	76.3	84.3	91.7	96.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3500	67.6	76.6	84.8	92.2	96.9	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	67.7	76.7	85.0	92.4	97.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	67.7	76.7	85.0	92.4	97.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	67.7	76.8	85.1	92.6	97.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	67.8	76.9	85.4	92.9	97.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	67.9	77.0	85.6	93.0	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.9	77.1	85.7	93.1	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866      STATION NAME: NORTON AFB/SAN BERNARDINO CA      PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8      MONTH: SEP      HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.1	62.0	68.2	74.4	79.9	81.0	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 20000	55.6	63.6	70.2	76.9	82.6	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 18000	55.9	63.9	70.6	77.2	82.9	84.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 16000	56.0	64.0	70.7	77.3	83.0	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 14000	57.1	65.4	72.1	78.8	84.4	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 12000	58.7	67.3	74.0	80.7	86.6	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	60.0	68.7	75.4	82.1	88.2	89.3	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 9000	60.0	68.7	75.4	82.1	88.2	89.3	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 8000	60.6	69.2	76.0	82.7	88.8	89.9	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 7000	60.6	69.2	76.0	82.7	88.8	89.9	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 6000	61.3	70.1	77.1	83.8	90.0	91.1	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	62.1	71.0	78.1	84.8	91.0	92.1	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500	64.3	73.2	80.3	87.0	93.2	94.3	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	65.9	74.8	81.9	88.7	95.0	96.1	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	66.7	75.6	82.7	89.4	95.8	96.9	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	67.0	75.9	83.2	90.1	96.6	97.7	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	67.1	76.0	83.3	90.2	96.7	97.8	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	67.2	76.1	83.6	90.4	96.9	98.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	67.4	76.4	83.9	90.8	97.2	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	67.4	76.4	83.9	90.8	97.2	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	67.7	76.7	84.2	91.1	97.6	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	67.7	76.7	84.2	91.1	97.6	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	67.7	76.7	84.2	91.1	97.6	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.9	76.9	84.4	91.3	97.8	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS      900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	60.7	66.6	72.3	78.8	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 20000	54.6	61.8	68.0	73.9	80.4	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	54.7	61.9	68.1	74.0	80.6	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 16000	54.7	61.9	68.1	74.0	80.6	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 14000	55.4	62.7	68.9	74.8	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 12000	57.7	65.1	71.3	77.2	83.8	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	58.3	65.8	72.0	77.9	84.4	85.8	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 9000	58.3	65.8	72.0	77.9	84.4	85.8	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 8000	59.8	67.2	73.4	79.3	86.0	87.3	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	59.8	67.2	73.4	79.3	86.0	87.3	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	60.3	67.8	74.0	79.9	86.6	87.9	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	61.2	68.9	75.1	81.0	87.7	89.0	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	63.1	70.8	77.0	82.9	89.7	91.0	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	63.7	71.3	77.6	83.4	90.2	91.6	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	64.4	72.1	78.3	84.2	91.0	92.3	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	65.6	73.3	79.6	85.4	92.2	93.7	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	66.9	74.7	80.9	86.8	93.6	95.0	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	68.1	75.9	82.1	88.0	94.8	96.2	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	68.6	76.3	82.6	88.4	95.3	96.8	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	68.6	76.3	82.6	88.4	95.3	97.0	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	68.6	76.3	82.7	89.4	96.3	98.0	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	68.6	76.3	82.7	89.7	96.7	98.3	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	68.7	76.4	82.8	89.8	96.8	98.4	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.8	76.6	82.9	89.9	96.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	54.1	59.7	64.8	70.5	73.0	74.5	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 20000	50.3	56.1	61.9	67.1	73.0	75.6	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	50.3	56.2	62.0	67.3	73.2	75.8	77.3	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 16000	50.4	56.3	62.1	67.3	73.2	75.8	77.4	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 14000	51.8	57.7	63.6	68.8	74.8	77.4	78.9	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	53.8	60.0	66.0	71.3	77.4	80.1	81.7	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 10000	55.0	61.2	67.3	72.7	78.8	81.5	83.1	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 9000	55.0	61.2	67.3	72.7	78.9	81.6	83.2	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 8000	55.5	61.7	67.8	73.2	79.3	82.0	83.7	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
GE 7000	55.5	61.7	67.8	73.3	79.4	82.1	83.7	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6
GE 6000	56.3	62.5	68.7	74.1	80.3	83.0	84.6	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5
GE 5000	57.2	63.6	69.8	75.2	81.4	84.1	85.8	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 4500	58.8	65.2	71.4	76.9	83.1	85.8	87.4	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3
GE 4000	59.8	66.4	72.6	78.1	84.4	87.1	88.7	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	60.8	67.4	73.7	79.3	85.6	88.3	89.9	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 3000	61.6	68.2	74.7	80.3	86.7	89.4	91.1	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	62.3	69.0	75.5	81.2	87.7	90.5	92.2	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 2000	62.8	69.6	76.3	82.1	88.7	91.6	93.4	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	63.0	69.9	76.7	82.6	89.3	92.3	94.1	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	63.1	70.1	76.8	83.0	89.8	93.0	94.9	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	63.3	70.2	77.1	83.6	90.7	93.9	96.1	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 1000	63.3	70.3	77.2	83.8	90.9	94.3	96.6	97.5	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9
GE 900	63.3	70.3	77.3	83.9	91.1	94.5	96.9	97.9	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 800	63.4	70.4	77.3	84.0	91.3	94.8	97.3	98.5	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 700	63.4	70.4	77.3	84.0	91.3	94.9	97.4	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	63.4	70.4	77.3	84.1	91.3	95.0	97.6	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	63.4	70.4	77.3	84.1	91.4	95.0	97.7	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	63.4	70.4	77.3	84.1	91.4	95.0	97.7	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 300	63.4	70.4	77.3	84.1	91.4	95.1	97.7	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	63.4	70.4	77.3	84.1	91.4	95.1	97.7	99.0	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0
GE 100	63.4	70.4	77.3	84.1	91.4	95.1	97.7	99.0	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	63.4	70.4	77.3	84.1	91.4	95.1	97.7	99.0	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	45.5	48.7	52.4	58.6	62.9	66.0	67.5	68.2	68.9	69.6	69.7	70.0	70.2	70.2	70.2
GE 20000	44.3	47.1	50.6	54.3	60.6	64.9	68.1	69.6	70.3	71.1	71.7	71.8	72.2	72.4	72.4	72.4
GE 18000	44.5	47.3	50.9	54.5	60.9	65.2	68.3	69.8	70.5	71.3	71.9	72.0	72.4	72.6	72.6	72.6
GE 16000	44.5	47.3	50.9	54.5	60.9	65.2	68.3	69.8	70.5	71.3	71.9	72.0	72.4	72.6	72.6	72.6
GE 14000	45.3	48.2	51.8	55.7	62.0	66.5	69.6	71.2	72.2	73.0	73.7	73.8	74.2	74.4	74.4	74.4
GE 12000	46.2	49.1	52.9	56.8	63.5	68.2	71.4	73.1	74.1	74.9	75.6	75.7	76.1	76.3	76.3	76.3
GE 10000	46.8	49.8	53.8	57.7	64.5	69.1	72.4	74.1	75.1	75.9	76.6	76.7	77.1	77.3	77.3	77.3
GE 9000	46.8	49.8	53.8	57.7	64.5	69.1	72.4	74.1	75.1	75.9	76.6	76.7	77.1	77.3	77.3	77.3
GE 8000	47.2	50.2	54.2	58.2	64.9	69.6	72.8	74.6	75.6	76.5	77.1	77.2	77.6	77.8	77.8	77.8
GE 7000	47.3	50.3	54.3	58.3	65.1	69.7	72.9	74.7	75.7	76.6	77.2	77.3	77.7	78.0	78.0	78.0
GE 6000	47.7	50.8	54.7	58.7	65.6	70.2	73.4	75.3	76.2	77.1	77.7	77.8	78.3	78.5	78.5	78.5
GE 5000	49.7	52.7	56.7	60.8	67.6	72.3	75.5	77.3	78.3	79.1	79.8	79.9	80.3	80.5	80.5	80.5
GE 4500	50.8	53.8	57.8	61.9	68.9	73.7	76.9	78.7	79.7	80.5	81.2	81.3	81.7	81.9	81.9	81.9
GE 4000	51.7	54.9	59.0	63.7	70.8	75.6	78.8	80.6	81.6	82.5	83.1	83.2	83.7	83.9	83.9	83.9
GE 3500	52.3	55.7	59.9	64.8	72.2	77.0	80.2	82.0	83.0	83.9	84.5	84.6	85.1	85.3	85.3	85.3
GE 3000	52.7	56.5	60.9	65.9	73.2	78.1	81.3	83.1	84.1	84.9	85.6	85.7	86.1	86.3	86.3	86.3
GE 2500	53.1	57.0	61.5	66.9	74.3	79.1	82.4	84.2	85.2	86.0	86.7	86.8	87.2	87.4	87.4	87.4
GE 2000	53.7	57.7	62.7	68.5	76.1	81.3	84.6	86.5	87.4	88.3	88.9	89.0	89.5	89.7	89.7	89.7
GE 1800	54.4	58.7	64.1	70.1	77.8	83.1	86.5	88.3	89.2	90.1	90.8	90.9	91.3	91.5	91.5	91.5
GE 1500	54.5	58.9	64.4	70.4	78.8	84.2	87.5	89.4	90.3	91.2	91.8	91.9	92.4	92.6	92.6	92.6
GE 1200	54.7	59.1	65.1	71.4	80.0	85.6	89.1	91.1	92.0	92.9	93.5	93.7	94.1	94.3	94.3	94.3
GE 1000	54.7	59.1	65.4	71.7	80.6	86.3	90.3	92.4	93.3	94.4	95.1	95.2	95.6	95.8	95.8	95.8
GE 900	54.7	59.1	65.4	71.7	80.9	86.6	90.6	92.7	93.7	94.7	95.4	95.5	95.9	96.1	96.1	96.1
GE 800	54.7	59.1	65.4	71.8	81.2	87.2	91.6	94.3	95.3	96.3	97.0	97.1	97.5	97.7	97.7	97.7
GE 700	54.7	59.1	65.4	71.8	81.2	87.3	91.7	94.5	95.5	96.6	97.2	97.3	97.7	98.0	98.0	98.0
GE 600	54.7	59.1	65.4	71.8	81.5	87.6	92.2	94.9	96.0	97.1	97.8	98.0	98.4	98.6	98.6	98.6
GE 500	54.7	59.1	65.4	71.8	81.7	87.8	92.4	95.2	96.2	97.3	98.1	98.2	98.6	98.9	98.9	98.9
GE 400	54.7	59.1	65.4	71.8	81.7	87.8	92.5	95.3	96.3	97.4	98.2	98.3	98.7	99.0	99.0	99.0
GE 300	54.7	59.1	65.4	71.8	81.7	87.8	92.5	95.3	96.3	97.4	98.3	98.5	98.9	99.2	99.2	99.2
GE 200	54.7	59.1	65.4	71.8	81.7	87.8	92.5	95.3	96.3	97.4	98.4	98.7	99.5	99.8	99.8	99.8
GE 100	54.7	59.1	65.4	71.8	81.7	87.8	92.5	95.3	96.3	97.4	98.4	98.9	99.7	100.0	100.0	100.0
GE 000	54.7	59.1	65.4	71.8	81.7	87.8	92.5	95.3	96.3	97.4	98.4	98.9	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	48.3	50.3	52.4	57.1	61.3	63.2	64.6	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 20000	46.2	49.4	51.6	53.8	58.5	62.7	64.6	66.0	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	46.3	49.5	51.7	53.9	58.6	62.8	64.7	66.1	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	46.3	49.5	51.7	53.9	58.6	62.8	64.7	66.1	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	47.0	50.1	52.5	54.6	59.4	63.5	65.5	66.9	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	47.8	51.1	53.4	55.6	60.5	64.8	67.0	68.4	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	48.6	51.8	54.3	56.5	61.4	65.7	67.8	69.2	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 9000	48.6	51.8	54.3	56.5	61.4	65.7	67.8	69.2	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	49.2	52.5	54.9	57.1	62.0	66.3	68.5	69.9	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	49.4	52.7	55.2	57.3	62.3	66.6	68.7	70.1	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	49.8	53.1	55.6	57.7	62.7	67.0	69.1	70.5	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	50.5	53.9	56.5	58.6	63.8	68.1	70.4	71.8	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	50.8	54.2	56.8	59.0	64.3	68.6	71.0	72.4	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	51.8	55.5	58.2	60.5	65.9	70.2	72.8	74.2	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	52.3	56.0	59.0	61.9	67.4	71.7	74.3	75.7	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9
GE 3000	52.5	56.3	59.6	62.5	68.1	72.4	74.9	76.3	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	52.9	56.9	60.6	63.8	69.7	74.0	76.6	78.0	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	54.4	58.6	62.8	66.2	72.2	76.6	79.4	80.8	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 1800	54.8	59.1	63.4	67.1	73.4	77.8	80.6	82.0	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	55.8	60.1	64.5	68.3	74.6	79.1	81.9	83.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	56.7	61.2	65.7	70.1	77.4	82.0	85.2	86.7	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	56.7	61.2	65.9	70.5	78.1	83.0	86.6	88.3	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9
GE 900	56.7	61.2	66.0	70.6	78.2	83.1	86.9	88.6	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2
GE 800	56.9	61.4	66.6	71.3	79.1	84.8	89.4	91.6	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
GE 700	56.9	61.4	66.6	71.3	79.4	85.2	89.8	92.3	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1
GE 600	56.9	61.4	66.6	71.3	79.4	85.3	89.9	92.5	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 500	56.9	61.4	66.6	71.4	79.5	85.4	90.3	93.2	94.7	95.1	95.2	95.2	95.4	95.4	95.6	95.6
GE 400	56.9	61.4	66.6	71.4	79.5	85.5	90.8	93.8	95.3	95.6	95.7	95.7	95.9	95.9	96.1	96.1
GE 300	56.9	61.4	66.6	71.5	79.6	85.6	90.9	93.9	95.5	95.8	95.9	95.9	96.1	96.2	96.6	96.6
GE 200	56.9	61.4	66.6	71.5	79.6	85.6	91.1	94.2	95.8	96.1	96.2	96.2	96.8	96.9	97.5	97.7
GE 100	56.9	61.4	66.6	71.5	79.6	85.6	91.1	94.2	95.8	96.2	96.3	96.3	97.3	97.6	98.5	99.5
GE 000	56.9	61.4	66.6	71.5	79.6	85.6	91.1	94.2	95.8	96.2	96.3	96.3	97.3	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	45.7	48.4	50.9	53.4	57.4	59.1	60.9	61.8	62.2	62.3	62.3	62.4	62.4	62.5	62.5
GE 20000	46.7	48.3	51.3	53.9	56.8	60.8	62.5	64.3	65.4	65.8	65.9	65.9	66.0	66.0	66.1	66.1
GE 18000	46.7	48.3	51.3	53.9	56.8	60.8	62.5	64.3	65.4	65.8	65.9	65.9	66.0	66.0	66.1	66.1
GE 16000	46.7	48.3	51.3	53.9	56.8	60.8	62.5	64.3	65.4	65.8	65.9	65.9	66.0	66.0	66.1	66.1
GE 14000	47.7	49.4	52.4	54.9	57.8	62.2	63.9	65.7	66.8	67.2	67.3	67.3	67.4	67.4	67.5	67.5
GE 12000	49.2	51.0	54.2	56.9	59.9	64.2	66.0	68.1	69.1	69.6	69.7	69.7	69.8	69.8	69.9	69.9
GE 10000	49.6	51.4	54.7	57.4	60.5	64.8	66.7	68.7	69.8	70.2	70.3	70.3	70.4	70.4	70.5	70.5
GE 9000	49.6	51.4	54.7	57.4	60.5	64.8	66.7	68.7	69.8	70.2	70.3	70.3	70.4	70.4	70.5	70.5
GE 8000	49.6	51.4	54.7	57.4	60.5	64.8	66.7	68.7	69.8	70.2	70.3	70.3	70.4	70.4	70.5	70.5
GE 7000	49.6	51.4	54.7	57.4	60.5	64.8	66.7	68.7	69.8	70.2	70.3	70.3	70.4	70.4	70.5	70.5
GE 6000	50.1	51.9	55.3	58.0	61.1	65.4	67.2	69.2	70.3	70.8	70.9	70.9	71.0	71.0	71.1	71.1
GE 5000	51.1	52.9	56.2	58.9	62.2	66.5	68.3	70.3	71.7	72.2	72.3	72.3	72.4	72.4	72.5	72.5
GE 4500	51.6	53.4	57.2	60.4	63.8	68.3	70.1	72.2	73.5	74.0	74.1	74.1	74.2	74.2	74.3	74.3
GE 4000	51.9	53.9	57.6	61.2	64.8	69.5	71.3	73.3	74.7	75.2	75.3	75.3	75.4	75.4	75.5	75.5
GE 3500	54.0	56.0	59.9	63.4	67.2	71.8	73.7	75.7	77.1	77.5	77.6	77.6	77.7	77.7	77.8	77.8
GE 3000	54.1	56.2	60.5	64.2	68.1	72.8	74.6	76.7	78.1	78.5	78.6	78.6	78.7	78.7	78.8	78.8
GE 2500	54.9	57.2	61.7	65.6	69.7	74.7	76.8	78.8	80.2	80.6	80.8	80.8	80.9	80.9	81.0	81.0
GE 2000	56.0	58.4	63.0	66.9	71.3	76.6	78.8	81.3	82.7	83.1	83.2	83.2	83.3	83.3	83.4	83.4
GE 1800	56.3	58.8	63.4	67.3	71.8	77.6	80.1	82.8	84.2	84.7	84.8	84.8	84.9	84.9	85.1	85.1
GE 1500	56.6	59.0	63.7	67.6	72.3	78.4	81.3	84.2	85.6	86.1	86.2	86.2	86.3	86.3	86.5	86.5
GE 1200	56.9	59.4	64.1	68.1	73.2	79.6	83.1	86.9	88.4	89.1	89.2	89.2	89.4	89.4	89.5	89.5
GE 1000	57.1	59.7	64.4	68.4	73.5	79.9	83.8	88.2	89.7	90.9	91.1	91.1	91.2	91.2	91.3	91.3
GE 900	57.1	59.7	64.4	68.4	73.5	79.9	83.9	88.5	90.1	91.3	91.5	91.5	91.6	91.6	91.7	91.7
GE 800	57.2	59.8	64.5	68.6	73.8	80.1	84.3	89.2	91.1	92.4	92.7	92.7	92.8	92.8	92.9	92.9
GE 700	57.2	59.8	64.5	68.6	73.8	80.2	84.4	89.5	91.3	92.6	92.9	92.9	93.0	93.0	93.1	93.1
GE 600	57.2	59.8	64.5	68.6	73.8	80.2	84.5	89.7	91.6	92.9	93.2	93.2	93.3	93.3	93.4	93.4
GE 500	57.2	59.8	64.5	68.6	73.9	80.4	84.8	90.1	92.3	93.5	93.9	94.1	94.4	94.4	94.9	94.9
GE 400	57.2	59.8	64.5	68.6	73.9	80.6	85.1	90.3	92.5	93.8	94.1	94.3	94.6	94.7	95.4	95.5
GE 300	57.2	59.8	64.5	68.6	73.9	80.6	85.1	90.3	92.5	93.9	94.2	94.4	94.9	95.1	95.7	96.1
GE 200	57.2	59.8	64.5	68.6	73.9	80.6	85.1	90.3	92.5	94.0	94.5	94.7	95.4	95.5	96.5	97.3
GE 100	57.2	59.8	64.5	68.6	73.9	80.6	85.1	90.3	92.5	94.0	94.5	94.7	95.5	95.6	97.2	99.7
GE 000	57.2	59.8	64.5	68.6	73.9	80.6	85.1	90.3	92.5	94.0	94.5	94.7	95.5	95.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.1	48.4	51.3	54.1	58.5	61.8	64.9	67.4	68.7	70.3	71.0	71.1	71.3	71.3	71.3	71.3
GE 20000	50.1	52.5	55.6	58.6	63.3	66.7	70.0	72.8	74.5	76.1	76.8	76.9	77.1	77.1	77.1	77.1
GE 18000	50.2	52.6	55.7	58.7	63.4	66.8	70.1	72.9	74.6	76.2	76.9	77.0	77.2	77.2	77.2	77.2
GE 16000	50.2	52.6	55.7	58.7	63.4	66.8	70.1	72.9	74.6	76.2	76.9	77.0	77.2	77.2	77.2	77.2
GE 14000	50.6	53.0	56.2	59.2	64.1	67.4	70.9	73.7	75.4	77.0	77.6	77.7	78.0	78.0	78.0	78.0
GE 12000	51.2	53.5	56.8	60.3	65.6	68.9	72.4	75.2	76.9	78.5	79.1	79.2	79.5	79.5	79.5	79.5
GE 10000	52.5	54.8	58.3	61.8	67.1	70.5	74.2	77.0	78.7	80.3	81.0	81.1	81.3	81.3	81.3	81.3
GE 9000	52.5	54.8	58.3	61.8	67.1	70.5	74.3	77.1	78.8	80.4	81.1	81.2	81.4	81.4	81.4	81.4
GE 8000	52.7	55.1	58.5	62.2	67.4	70.9	74.6	77.4	79.1	80.8	81.4	81.5	81.7	81.7	81.7	81.7
GE 7000	52.7	55.1	58.5	62.2	67.4	70.9	74.6	77.4	79.1	80.8	81.4	81.5	81.7	81.7	81.7	81.7
GE 6000	53.1	55.5	58.9	62.6	67.8	71.6	75.4	78.2	79.9	81.5	82.2	82.3	82.5	82.5	82.5	82.5
GE 5000	54.6	57.1	60.5	64.4	69.8	73.8	77.5	80.3	82.0	83.7	84.3	84.4	84.6	84.6	84.6	84.6
GE 4500	54.8	57.6	61.1	64.9	70.9	74.8	78.6	81.4	83.1	84.7	85.4	85.5	85.7	85.7	85.7	85.7
GE 4000	55.6	58.4	62.0	66.2	72.2	76.1	80.0	82.8	84.5	86.1	86.8	86.9	87.1	87.1	87.1	87.1
GE 3500	57.0	59.9	63.7	67.8	73.8	78.0	81.8	84.6	86.3	88.0	88.6	88.7	88.9	88.9	88.9	88.9
GE 3000	58.0	60.9	64.6	68.8	74.9	79.1	83.0	85.8	87.5	89.1	89.8	89.9	90.1	90.1	90.1	90.1
GE 2500	58.6	61.5	65.5	70.2	76.7	81.4	85.5	88.4	90.1	91.7	92.4	92.5	92.7	92.7	92.7	92.7
GE 2000	58.8	61.7	65.8	70.8	77.5	82.9	87.3	90.5	92.3	94.0	94.6	94.7	94.9	94.9	94.9	94.9
GE 1800	58.9	61.8	65.9	70.9	77.7	83.3	87.8	91.1	93.0	94.7	95.4	95.5	95.7	95.7	95.7	95.7
GE 1500	59.0	61.9	66.1	71.4	78.4	84.2	88.9	92.3	94.2	96.0	96.8	96.9	97.1	97.1	97.1	97.1
GE 1200	59.1	62.0	66.2	71.6	78.6	84.6	89.5	93.1	95.2	97.0	97.7	97.8	98.1	98.1	98.1	98.1
GE 1000	59.1	62.0	66.2	71.6	78.6	84.6	89.6	93.2	95.3	97.1	98.1	98.2	98.4	98.4	98.4	98.4
GE 900	59.1	62.0	66.2	71.6	78.6	84.7	89.8	93.4	95.5	97.3	98.3	98.4	98.6	98.6	98.6	98.6
GE 800	59.1	62.0	66.2	71.6	78.6	84.7	89.8	93.4	95.5	97.3	98.3	98.4	98.6	98.6	98.6	98.6
GE 700	59.1	62.0	66.2	71.6	78.6	84.7	89.8	93.4	95.5	97.3	98.4	98.5	98.7	98.7	98.8	98.8
GE 600	59.1	62.0	66.2	71.6	78.6	84.7	89.8	93.4	95.5	97.3	98.4	98.5	98.9	98.9	99.0	99.0
GE 500	59.1	62.0	66.2	71.6	78.6	84.7	89.9	93.5	95.6	97.4	98.5	98.6	99.1	99.1	99.2	99.2
GE 400	59.1	62.0	66.2	71.6	78.6	84.7	89.9	93.5	95.6	97.4	98.6	98.7	99.2	99.2	99.6	99.6
GE 300	59.1	62.0	66.2	71.6	78.6	84.7	89.9	93.5	95.6	97.4	98.6	98.7	99.2	99.2	99.6	99.6
GE 200	59.1	62.0	66.2	71.6	78.6	84.7	89.9	93.5	95.6	97.4	98.6	98.7	99.4	99.4	99.8	99.8
GE 100	59.1	62.0	66.2	71.6	78.6	84.7	89.9	93.5	95.6	97.4	98.6	98.7	99.4	99.4	99.9	100.0
GE 000	59.1	62.0	66.2	71.6	78.6	84.7	89.9	93.5	95.6	97.4	98.6	98.7	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	50.2	53.5	59.0	64.0	67.0	70.6	74.1	75.1	76.5	76.7	76.7	76.8	76.8	76.8	76.8
GE 20000	52.7	55.6	59.1	65.2	70.8	74.0	77.6	81.2	82.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1
GE 18000	53.2	56.1	59.7	65.8	71.5	74.7	78.4	81.9	83.1	84.5	84.7	84.7	84.8	84.8	84.8	84.8
GE 16000	53.4	56.3	59.9	66.0	71.7	74.9	78.6	82.2	83.3	84.7	84.9	84.9	85.1	85.1	85.1	85.1
GE 14000	54.0	57.0	60.5	66.8	72.6	75.8	79.5	83.0	84.2	85.6	85.8	85.8	85.9	85.9	85.9	85.9
GE 12000	55.1	58.1	61.6	68.0	73.9	77.1	80.8	84.3	85.5	86.9	87.1	87.1	87.2	87.2	87.2	87.2
GE 10000	56.7	59.8	63.3	69.9	75.9	79.2	83.0	86.6	87.7	89.1	89.4	89.4	89.5	89.5	89.5	89.5
GE 9000	56.7	59.8	63.3	69.9	75.9	79.2	83.0	86.6	87.7	89.1	89.4	89.4	89.5	89.5	89.5	89.5
GE 8000	56.9	60.0	63.5	70.1	76.1	79.5	83.2	86.8	88.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7
GE 7000	56.9	60.0	63.5	70.1	76.1	79.5	83.2	86.8	88.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7
GE 6000	58.3	61.4	64.9	71.5	77.5	80.9	84.6	88.2	89.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1
GE 5000	59.6	62.8	66.3	73.0	79.0	82.4	86.1	89.7	90.9	92.3	92.5	92.5	92.6	92.6	92.6	92.6
GE 4500	59.8	63.0	66.6	73.3	79.5	82.8	86.6	90.1	91.3	92.7	92.9	92.9	93.0	93.0	93.0	93.0
GE 4000	61.3	65.1	68.7	75.7	81.8	85.2	88.9	92.5	93.7	95.1	95.3	95.3	95.4	95.4	95.4	95.4
GE 3500	62.8	66.7	70.4	77.4	83.9	87.2	91.0	94.5	95.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4
GE 3000	63.0	66.9	71.4	78.6	85.4	88.7	92.5	96.0	97.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9
GE 2500	63.2	67.1	71.6	78.8	85.6	89.1	92.9	96.5	97.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4
GE 2000	63.3	67.2	71.8	79.1	85.9	89.5	93.3	96.9	98.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 1800	63.3	67.2	71.8	79.1	85.9	89.5	93.3	96.9	98.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 1500	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 1200	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	63.3	67.2	71.8	79.1	86.0	89.6	93.4	97.0	98.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	51.8	56.1	61.2	65.5	70.0	73.8	75.7	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 20000	50.5	56.9	61.4	67.3	72.0	76.7	80.4	82.9	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 18000	50.9	57.2	61.8	67.7	72.5	77.1	80.9	83.3	84.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 16000	50.9	57.2	61.8	67.7	72.5	77.1	80.9	83.3	84.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 14000	51.7	58.5	63.2	69.4	74.2	78.8	82.6	85.2	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 12000	52.5	59.4	64.3	70.9	76.1	80.8	84.5	87.1	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 10000	53.9	60.9	65.8	72.7	78.0	82.7	86.6	89.1	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 9000	53.9	60.9	65.8	72.7	78.0	82.7	86.6	89.1	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 8000	54.3	61.4	66.3	73.2	78.5	83.2	87.1	89.7	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000	54.3	61.4	66.3	73.2	78.5	83.2	87.1	89.7	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 6000	55.7	62.8	67.7	74.6	79.9	84.6	88.5	91.1	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 5000	56.7	63.9	69.0	75.9	81.3	86.0	89.9	92.5	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	57.1	64.5	70.0	76.9	82.5	87.3	91.2	93.8	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	57.8	65.7	71.2	78.2	83.9	88.7	92.6	95.2	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	58.6	66.6	72.3	79.2	84.9	89.8	93.7	96.2	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000	59.0	67.0	72.7	79.9	85.7	90.8	94.6	97.3	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	59.0	67.0	72.7	80.1	85.9	91.0	94.8	97.5	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	59.0	67.0	72.7	80.1	85.9	91.0	94.8	97.5	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	59.0	67.1	72.8	80.2	86.0	91.1	94.9	97.6	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	59.0	67.1	72.8	80.2	86.0	91.1	95.1	97.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.0	67.1	72.8	80.2	86.0	91.1	95.1	97.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.0	67.1	72.8	80.2	86.0	91.1	95.1	97.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.0	67.1	72.8	80.2	86.0	91.1	95.1	97.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	51.7	55.2	61.2	67.2	70.9	73.4	75.6	76.7	77.3	77.7	77.7	77.7	77.7	77.7	77.7
GE 20000	49.6	54.4	58.3	64.7	71.3	75.2	77.7	80.0	81.2	81.9	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	49.9	54.7	58.6	65.2	71.7	75.6	78.2	80.4	81.6	82.4	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000	49.9	54.7	58.6	65.2	71.8	75.7	78.3	80.5	81.7	82.5	82.9	82.9	82.9	82.9	82.9	82.9
GE 14000	50.1	55.2	59.0	65.6	72.3	76.1	78.7	81.1	82.5	83.2	83.7	83.7	83.7	83.7	83.7	83.7
GE 12000	51.5	56.6	60.6	67.6	74.7	78.6	81.2	83.5	84.9	85.7	86.1	86.1	86.1	86.1	86.1	86.1
GE 10000	53.3	58.4	62.5	69.5	76.8	80.8	83.3	85.7	87.1	87.8	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000	53.3	58.4	62.5	69.5	77.0	81.0	83.5	85.9	87.3	88.1	88.5	88.5	88.5	88.5	88.5	88.5
GE 8000	53.4	58.5	62.6	69.6	77.2	81.2	83.8	86.1	87.5	88.3	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	53.4	58.5	62.6	69.6	77.2	81.2	83.8	86.1	87.5	88.3	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	54.2	59.4	63.4	70.4	78.1	82.0	84.6	87.0	88.4	89.1	89.6	89.6	89.6	89.6	89.6	89.6
GE 5000	56.5	61.6	65.8	73.0	81.2	85.2	87.7	90.1	91.5	92.3	92.7	92.7	92.7	92.7	92.7	92.7
GE 4500	57.4	63.0	67.3	74.6	82.8	86.8	89.4	91.7	93.1	93.9	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	58.9	64.8	69.4	76.8	85.1	89.0	91.6	94.0	95.4	96.1	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	59.9	65.8	70.4	78.2	86.5	90.4	93.0	95.4	96.8	97.5	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	60.8	66.7	71.3	79.0	87.3	91.3	93.9	96.2	97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	60.8	66.7	71.3	79.0	87.3	91.3	93.9	96.2	97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	60.9	66.8	71.4	79.2	87.6	91.6	94.2	96.6	98.0	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	61.0	66.9	71.5	79.4	87.7	91.7	94.3	96.7	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	61.1	67.0	71.6	79.5	87.8	91.8	94.5	96.9	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	61.2	67.1	71.8	79.7	88.1	92.0	94.7	97.1	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	61.2	67.1	71.8	79.7	88.1	92.0	94.7	97.1	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	61.2	67.1	71.8	79.7	88.1	92.0	94.7	97.1	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	61.2	67.1	71.8	79.7	88.2	92.2	94.8	97.2	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	61.2	67.1	71.8	79.7	88.2	92.2	94.9	97.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	61.2	67.1	71.8	79.7	88.2	92.2	94.9	97.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	61.2	67.1	71.8	79.7	88.2	92.2	94.9	97.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	61.2	67.1	71.8	79.7	88.2	92.2	94.9	97.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	61.2	67.1	71.8	79.7	88.2	92.2	94.9	97.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	61.2	67.1	71.8	79.7	88.2	92.2	95.1	97.4	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.2	67.1	71.8	79.7	88.2	92.2	95.1	97.4	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	61.2	67.1	71.8	79.7	88.2	92.2	95.1	97.4	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	47.2	51.1	55.6	62.7	65.7	68.5	70.1	70.9	72.3	73.0	73.1	73.3	73.3	73.3	73.3
GE 20000	45.1	48.8	53.5	58.9	66.7	69.7	72.5	74.1	75.2	76.6	77.3	77.4	77.6	77.6	77.6	77.6
GE 18000	45.2	48.9	53.7	59.0	66.8	69.8	72.6	74.2	75.3	76.7	77.4	77.5	77.7	77.7	77.7	77.7
GE 16000	45.2	48.9	53.7	59.0	66.8	69.8	72.6	74.2	75.3	76.7	77.4	77.5	77.7	77.7	77.7	77.7
GE 14000	45.6	49.5	54.2	59.8	67.7	70.9	73.7	75.5	76.9	78.3	79.0	79.1	79.4	79.4	79.4	79.4
GE 12000	47.0	50.9	55.6	61.5	69.9	73.0	75.8	77.6	79.0	80.4	81.2	81.3	81.5	81.5	81.5	81.5
GE 10000	48.4	52.3	57.0	62.9	71.3	74.4	77.2	79.0	80.4	81.8	82.6	82.7	82.9	82.9	82.9	82.9
GE 9000	48.4	52.3	57.0	62.9	71.5	74.6	77.4	79.2	80.6	82.0	82.8	82.9	83.1	83.1	83.1	83.1
GE 8000	48.5	52.4	57.1	63.0	71.6	74.7	77.5	79.4	80.8	82.2	82.9	83.0	83.2	83.2	83.2	83.2
GE 7000	48.5	52.4	57.1	63.0	71.6	74.7	77.5	79.4	80.8	82.2	82.9	83.0	83.2	83.2	83.2	83.2
GE 6000	49.1	53.1	58.0	63.9	72.5	75.6	78.4	80.2	81.6	83.0	83.8	83.9	84.1	84.1	84.1	84.1
GE 5000	51.8	55.8	60.6	66.6	75.5	78.6	81.4	83.2	84.6	86.0	86.8	86.9	87.1	87.1	87.1	87.1
GE 4500	52.9	57.2	62.0	68.1	77.2	80.3	83.1	84.9	86.3	87.7	88.5	88.6	88.8	88.8	88.8	88.8
GE 4000	54.2	58.7	63.8	69.9	79.2	82.5	85.3	87.1	88.5	89.9	90.6	90.8	91.0	91.0	91.0	91.0
GE 3500	55.4	59.9	64.9	71.1	81.0	84.2	87.0	88.8	90.2	91.6	92.4	92.5	92.7	92.7	92.7	92.7
GE 3000	56.9	61.5	66.9	73.1	83.2	86.5	89.2	91.1	92.5	93.9	94.6	94.7	94.9	94.9	94.9	94.9
GE 2500	57.3	62.0	67.5	73.8	83.9	87.1	89.9	91.7	93.1	94.5	95.3	95.4	95.6	95.6	95.6	95.6
GE 2000	57.6	62.6	68.1	74.5	84.7	88.3	91.1	92.9	94.3	95.7	96.5	96.6	96.8	96.8	96.8	96.8
GE 1800	58.2	63.2	69.5	76.1	86.6	90.1	92.9	94.7	96.1	97.5	98.3	98.4	98.6	98.6	98.6	98.6
GE 1500	58.2	63.3	69.8	76.5	87.0	90.5	93.4	95.3	96.7	98.1	98.8	98.9	99.1	99.1	99.1	99.1
GE 1200	58.3	63.4	69.9	76.6	87.1	90.6	93.5	95.4	96.8	98.2	98.9	99.0	99.2	99.2	99.2	99.2
GE 1000	58.5	63.8	70.2	76.9	87.5	91.1	94.0	95.8	97.2	98.6	99.4	99.5	99.7	99.7	99.7	99.7
GE 900	58.5	63.8	70.2	76.9	87.5	91.1	94.0	95.8	97.2	98.6	99.4	99.5	99.7	99.7	99.7	99.7
GE 800	58.5	63.8	70.2	76.9	87.5	91.2	94.1	95.9	97.3	98.7	99.5	99.6	99.8	99.8	99.8	99.8
GE 700	58.5	63.8	70.2	76.9	87.5	91.2	94.1	96.0	97.4	98.8	99.6	99.7	99.9	99.9	99.9	99.9
GE 600	58.6	63.9	70.3	77.0	87.6	91.3	94.2	96.1	97.5	98.9	99.7	99.8	100.0	100.0	100.0	100.0
GE 500	58.6	63.9	70.3	77.0	87.6	91.3	94.2	96.1	97.5	98.9	99.7	99.8	100.0	100.0	100.0	100.0
GE 400	58.6	63.9	70.3	77.0	87.6	91.3	94.2	96.1	97.5	98.9	99.7	99.8	100.0	100.0	100.0	100.0
GE 300	58.6	63.9	70.3	77.0	87.6	91.3	94.2	96.1	97.5	98.9	99.7	99.8	100.0	100.0	100.0	100.0
GE 200	58.6	63.9	70.3	77.0	87.6	91.3	94.2	96.1	97.5	98.9	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	58.6	63.9	70.3	77.0	87.6	91.3	94.2	96.1	97.5	98.9	99.7	99.8	100.0	100.0	100.0	100.0
GE 000	58.6	63.9	70.3	77.0	87.6	91.3	94.2	96.1	97.5	98.9	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	48.6	51.8	55.8	60.9	64.6	67.5	69.5	70.4	71.3	71.7	71.7	71.9	71.9	71.9	71.9
GE 20000	48.1	51.6	55.2	59.6	65.0	68.8	71.7	73.9	75.0	75.9	76.3	76.3	76.4	76.4	76.5	76.5
GE 18000	48.4	51.8	55.4	59.8	65.3	69.1	71.9	74.1	75.2	76.2	76.5	76.6	76.7	76.7	76.7	76.7
GE 16000	48.4	51.9	55.4	59.9	65.3	69.1	72.0	74.2	75.3	76.2	76.6	76.6	76.7	76.8	76.8	76.8
GE 14000	49.0	52.6	56.2	60.8	66.3	70.1	73.0	75.3	76.5	77.4	77.8	77.8	78.0	78.0	78.0	78.0
GE 12000	50.1	53.7	57.4	62.2	68.0	71.9	74.9	77.2	78.4	79.3	79.7	79.7	79.9	79.9	79.9	79.9
GE 10000	51.2	54.9	58.7	63.5	69.4	73.4	76.4	78.7	79.9	80.9	81.2	81.3	81.4	81.4	81.4	81.4
GE 9000	51.2	54.9	58.7	63.5	69.5	73.5	76.5	78.8	80.0	80.9	81.3	81.3	81.5	81.5	81.5	81.5
GE 8000	51.5	55.2	59.0	63.8	69.8	73.8	76.8	79.1	80.3	81.3	81.6	81.7	81.8	81.8	81.8	81.8
GE 7000	51.5	55.2	59.0	63.9	69.8	73.8	76.8	79.1	80.3	81.3	81.7	81.7	81.8	81.9	81.9	81.9
GE 6000	52.3	56.0	59.8	64.7	70.6	74.7	77.7	80.0	81.2	82.1	82.5	82.5	82.7	82.7	82.7	82.7
GE 5000	53.8	57.6	61.5	66.4	72.5	76.6	79.6	81.9	83.2	84.1	84.5	84.5	84.7	84.7	84.7	84.7
GE 4500	54.4	58.3	62.4	67.4	73.7	77.8	80.8	83.1	84.4	85.4	85.7	85.8	85.9	85.9	85.9	85.9
GE 4000	55.4	59.6	63.7	69.0	75.5	79.6	82.7	85.0	86.2	87.2	87.5	87.6	87.7	87.7	87.8	87.8
GE 3500	56.5	60.8	65.1	70.5	77.1	81.3	84.3	86.6	87.9	88.8	89.2	89.2	89.4	89.4	89.4	89.4
GE 3000	57.1	61.5	66.0	71.5	78.2	82.4	85.5	87.8	89.1	90.0	90.4	90.4	90.6	90.6	90.6	90.6
GE 2500	57.5	61.9	66.6	72.3	79.1	83.5	86.6	88.9	90.2	91.1	91.5	91.5	91.7	91.7	91.7	91.7
GE 2000	58.0	62.5	67.3	73.2	80.2	84.7	87.9	90.4	91.6	92.6	93.0	93.0	93.1	93.2	93.2	93.2
GE 1800	58.3	62.9	67.8	73.8	80.9	85.5	88.8	91.3	92.6	93.5	93.9	94.0	94.1	94.1	94.1	94.1
GE 1500	58.4	63.1	68.1	74.1	81.4	86.1	89.5	92.0	93.3	94.3	94.7	94.7	94.9	94.9	94.9	94.9
GE 1200	58.7	63.3	68.4	74.6	82.1	86.9	90.4	93.1	94.5	95.5	95.9	95.9	96.0	96.1	96.1	96.1
GE 1000	58.7	63.4	68.6	74.8	82.3	87.2	90.9	93.7	95.1	96.2	96.6	96.6	96.8	96.8	96.8	96.8
GE 900	58.7	63.4	68.6	74.8	82.4	87.3	91.0	93.8	95.2	96.3	96.8	96.8	96.9	97.0	97.0	97.0
GE 800	58.8	63.4	68.7	74.9	82.6	87.6	91.5	94.5	96.0	97.1	97.5	97.6	97.7	97.7	97.8	97.8
GE 700	58.8	63.4	68.7	74.9	82.6	87.7	91.6	94.7	96.2	97.3	97.7	97.8	97.9	97.9	98.0	98.0
GE 600	58.8	63.5	68.7	74.9	82.6	87.7	91.7	94.8	96.3	97.4	97.9	97.9	98.1	98.1	98.1	98.1
GE 500	58.8	63.5	68.7	74.9	82.7	87.8	91.9	95.0	96.5	97.7	98.1	98.2	98.4	98.5	98.6	98.6
GE 400	58.8	63.5	68.7	74.9	82.7	87.8	92.0	95.1	96.6	97.8	98.2	98.3	98.5	98.6	98.7	98.8
GE 300	58.8	63.5	68.7	74.9	82.7	87.9	92.0	95.1	96.7	97.8	98.3	98.4	98.6	98.7	98.9	98.9
GE 200	58.8	63.5	68.7	74.9	82.7	87.9	92.0	95.2	96.7	97.9	98.4	98.5	98.9	98.9	99.2	99.3
GE 100	58.8	63.5	68.7	74.9	82.7	87.9	92.0	95.2	96.7	97.9	98.4	98.5	99.0	99.1	99.4	99.9
GE 000	58.8	63.5	68.7	74.9	82.7	87.9	92.0	95.2	96.7	97.9	98.4	98.5	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	56.0	58.6	60.6	64.1	65.6	67.6	68.2	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	54.3	57.3	59.9	62.1	65.9	67.3	69.7	70.3	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6
GE 18000	54.7	57.7	60.2	62.4	66.2	67.7	70.0	70.7	71.2	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 16000	54.7	57.7	60.2	62.4	66.2	67.7	70.0	70.7	71.2	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	56.0	59.3	61.9	64.1	67.9	69.3	71.7	72.3	72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	56.9	60.2	62.8	65.0	68.8	70.2	72.6	73.2	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	58.2	61.6	64.1	66.3	70.3	71.8	74.1	74.8	75.3	76.0	76.2	76.2	76.2	76.2	76.2	76.2
GE 9000	58.2	61.6	64.1	66.3	70.3	71.8	74.1	74.8	75.3	76.0	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	58.8	62.1	64.8	67.1	71.1	72.6	74.9	75.6	76.1	76.8	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	58.9	62.2	64.9	67.3	71.3	72.8	75.1	75.8	76.3	77.0	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	60.2	63.6	66.2	68.7	72.7	74.1	76.4	77.1	77.7	78.3	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	61.1	64.4	67.1	69.6	73.6	75.0	77.3	78.0	78.6	79.2	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	61.7	65.3	68.0	70.4	74.6	76.0	78.3	79.0	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	63.1	66.8	69.6	72.3	76.4	77.9	80.2	80.9	81.4	82.1	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	64.3	68.2	71.1	74.0	78.2	79.7	82.0	82.7	83.2	83.9	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	65.2	69.2	72.1	75.2	80.2	81.7	84.0	84.7	85.2	85.9	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	66.7	71.0	74.0	77.1	82.3	83.8	86.1	86.8	87.3	88.0	88.2	88.6	88.6	88.6	88.6	88.6
GE 2000	67.8	72.1	75.3	78.6	83.8	85.2	87.6	88.2	88.8	89.4	89.7	90.0	90.0	90.0	90.0	90.0
GE 1800	68.1	72.4	75.9	79.3	84.7	86.1	88.6	89.2	89.8	90.4	90.7	91.0	91.0	91.0	91.0	91.0
GE 1500	68.4	72.9	76.3	80.1	86.0	87.4	89.9	90.9	91.4	92.1	92.3	92.7	92.7	92.7	92.7	92.7
GE 1200	69.7	74.1	77.6	81.8	88.0	89.6	92.2	93.6	94.1	95.1	95.3	95.7	95.7	95.7	95.7	95.7
GE 1000	69.7	74.1	77.7	82.1	88.7	90.3	93.0	94.4	95.0	96.0	96.2	96.6	96.6	96.6	96.6	96.6
GE 900	69.7	74.1	77.7	82.1	88.9	90.6	93.3	94.8	95.3	96.3	96.6	96.9	96.9	96.9	96.9	96.9
GE 800	69.8	74.2	77.8	82.2	89.1	90.8	93.6	95.0	95.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1
GE 700	69.8	74.2	77.8	82.2	89.3	91.1	93.9	95.3	95.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4
GE 600	69.8	74.2	77.8	82.2	89.4	91.3	94.3	96.0	96.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1
GE 500	69.8	74.2	77.8	82.3	89.6	91.4	94.6	96.3	97.2	98.2	98.4	98.8	98.8	98.8	98.8	98.8
GE 400	69.8	74.2	77.8	82.3	89.6	91.4	94.6	96.3	97.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0
GE 300	69.8	74.2	77.8	82.3	89.6	91.4	94.6	96.3	97.6	98.6	98.8	99.1	99.3	99.3	99.3	99.3
GE 200	69.8	74.2	77.8	82.3	89.6	91.4	94.6	96.3	97.6	98.6	98.8	99.1	99.3	99.3	99.4	99.4
GE 100	69.8	74.2	77.8	82.3	89.6	91.4	94.6	96.3	97.6	98.6	99.0	99.3	99.7	99.7	99.8	99.9
GE 000	69.8	74.2	77.8	82.3	89.6	91.4	94.6	96.3	97.6	98.6	99.0	99.3	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.6	58.3	60.3	62.9	65.3	66.6	67.8	68.1	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6
GE 20000	58.2	60.0	62.2	64.8	67.3	68.7	70.1	70.6	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	58.3	60.1	62.4	65.0	67.6	68.9	70.3	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	58.3	60.1	62.4	65.0	67.6	68.9	70.3	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	59.6	61.4	63.8	66.3	68.9	70.2	71.7	72.1	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6
GE 12000	60.8	62.8	65.2	67.8	70.3	71.7	73.1	73.6	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	61.8	63.9	66.3	68.9	71.7	73.0	74.4	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	61.8	63.9	66.3	68.9	71.7	73.0	74.4	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	62.3	64.4	66.9	69.4	72.2	73.6	75.0	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	62.3	64.4	66.9	69.4	72.2	73.6	75.0	75.4	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0
GE 6000	63.0	65.1	67.6	70.1	72.9	74.2	75.7	76.1	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	64.1	66.2	68.7	71.2	74.1	75.4	76.9	77.3	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	65.1	67.4	69.9	72.4	75.3	76.7	78.1	78.6	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1
GE 4000	66.3	68.7	71.2	74.1	77.1	78.4	79.9	80.3	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9
GE 3500	67.4	69.8	72.3	75.2	78.2	79.7	81.1	81.6	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	68.8	71.1	74.1	77.0	80.4	81.9	83.4	83.9	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	70.0	72.4	75.9	78.9	82.4	83.9	85.7	86.2	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9
GE 2000	70.9	73.3	77.0	80.7	84.6	86.2	88.1	88.8	89.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4
GE 1800	71.4	74.0	78.1	81.9	85.8	87.4	89.4	90.3	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0
GE 1500	71.7	74.2	78.4	82.2	86.7	88.6	90.6	91.8	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4
GE 1200	72.0	74.6	79.0	82.9	88.2	90.2	92.2	93.7	93.9	94.0	94.3	94.4	94.4	94.4	94.4	94.4
GE 1000	72.1	74.7	79.2	83.4	88.8	90.8	92.8	94.2	94.4	94.6	94.9	95.0	95.0	95.0	95.0	95.0
GE 900	72.1	74.7	79.2	83.4	88.8	90.9	93.0	94.4	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2
GE 800	72.1	74.7	79.2	83.4	88.8	91.0	93.1	94.6	94.8	94.9	95.2	95.3	95.3	95.3	95.3	95.3
GE 700	72.1	74.7	79.2	83.4	88.9	91.1	93.7	95.3	95.6	95.7	96.0	96.1	96.1	96.1	96.1	96.1
GE 600	72.1	74.7	79.2	83.4	89.2	91.4	94.0	95.8	96.0	96.3	96.8	97.0	97.0	97.0	97.0	97.0
GE 500	72.1	74.7	79.2	83.6	89.3	91.6	94.1	95.9	96.1	96.4	96.9	97.1	97.1	97.1	97.1	97.1
GE 400	72.1	74.7	79.2	83.6	89.4	91.7	94.2	96.0	96.2	96.9	97.3	97.6	97.6	97.6	97.6	97.6
GE 300	72.1	74.7	79.2	83.6	89.6	91.8	94.4	96.2	96.4	97.3	97.8	98.0	98.0	98.0	98.0	98.0
GE 200	72.1	74.7	79.2	83.6	89.6	91.8	94.4	96.2	96.4	97.4	97.9	98.1	98.1	98.1	98.3	98.3
GE 100	72.1	74.7	79.2	83.6	89.6	91.8	94.4	96.2	96.4	97.6	98.1	98.3	98.4	98.4	98.8	98.9
GE 000	72.1	74.7	79.2	83.6	89.6	91.8	94.4	96.2	96.4	97.6	98.1	98.3	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	57.4	59.0	60.6	62.2	64.0	64.3	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 20000	59.0	61.3	63.4	65.4	67.3	69.1	69.4	69.8	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.3
GE 18000	59.0	61.3	63.4	65.4	67.3	69.1	69.4	69.8	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4
GE 16000	59.0	61.3	63.4	65.4	67.3	69.1	69.4	69.8	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4
GE 14000	60.8	63.3	65.4	67.4	69.4	71.2	71.6	71.9	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.6
GE 12000	62.6	65.1	67.2	69.2	71.2	73.1	73.6	73.9	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.6
GE 10000	63.7	66.2	68.4	70.7	72.9	74.9	75.3	75.7	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.3
GE 9000	63.7	66.2	68.4	70.7	72.9	74.9	75.3	75.7	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.3
GE 8000	64.3	66.9	69.1	71.3	73.6	75.6	76.0	76.3	76.6	76.8	76.9	76.9	76.9	76.9	76.9	77.0
GE 7000	64.3	66.9	69.1	71.3	73.6	75.6	76.0	76.3	76.6	76.8	76.9	76.9	76.9	76.9	76.9	77.0
GE 6000	64.8	67.3	69.6	71.8	74.0	76.0	76.4	76.8	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.4
GE 5000	65.4	68.0	70.2	72.4	74.8	76.8	77.2	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.2
GE 4500	66.3	68.9	71.1	73.3	75.8	77.9	78.3	78.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.3
GE 4000	66.8	69.4	71.7	73.9	76.6	79.0	79.4	79.8	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.4
GE 3500	67.8	70.4	72.7	74.9	77.7	80.2	80.7	81.0	81.2	81.4	81.6	81.7	81.7	81.7	81.7	81.8
GE 3000	69.2	72.0	74.3	76.8	80.1	82.8	83.2	83.6	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.3
GE 2500	69.8	72.6	75.3	77.9	81.2	84.2	85.1	85.4	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.2
GE 2000	70.3	73.3	76.4	79.3	83.2	86.2	87.3	87.9	88.1	88.3	88.7	88.8	88.8	88.8	88.8	88.9
GE 1800	70.8	74.1	77.2	80.1	84.2	87.3	88.6	89.6	89.9	90.1	90.4	90.6	90.6	90.6	90.6	90.7
GE 1500	71.0	74.3	77.4	80.6	85.0	88.6	89.8	91.1	91.6	91.8	92.1	92.2	92.2	92.2	92.2	92.3
GE 1200	71.0	74.6	77.7	80.8	85.7	89.7	91.3	92.8	93.4	93.7	94.0	94.1	94.1	94.1	94.1	94.2
GE 1000	71.0	74.6	77.7	80.8	85.7	89.9	91.6	93.0	93.7	93.9	94.3	94.6	94.6	94.6	94.6	94.7
GE 900	71.0	74.6	77.7	80.8	85.7	89.9	91.6	93.0	93.7	94.0	94.4	94.7	94.7	94.7	94.7	94.8
GE 800	71.0	74.6	77.7	80.8	85.7	89.9	91.7	93.3	94.0	94.6	95.0	95.2	95.2	95.2	95.2	95.3
GE 700	71.0	74.6	77.7	80.8	85.7	90.1	91.9	93.8	94.4	95.0	95.4	95.7	95.7	95.7	95.7	95.8
GE 600	71.0	74.7	77.8	80.9	85.9	90.4	92.2	94.1	94.8	95.3	96.1	96.3	96.3	96.3	96.3	96.4
GE 500	71.0	74.7	77.8	81.0	86.0	90.6	92.3	94.4	95.1	95.8	96.6	97.0	97.2	97.2	97.2	97.3
GE 400	71.0	74.7	77.8	81.0	86.0	90.6	92.4	94.7	95.3	96.1	97.0	97.4	97.7	97.7	97.7	97.8
GE 300	71.0	74.7	77.8	81.0	86.0	90.6	92.4	94.8	95.4	96.3	97.2	97.8	98.0	98.0	98.1	98.2
GE 200	71.0	74.7	77.8	81.0	86.0	90.6	92.4	94.9	95.6	96.4	97.3	97.9	98.1	98.1	98.2	98.6
GE 100	71.0	74.7	77.8	81.0	86.0	90.6	92.4	94.9	95.6	96.4	97.3	97.9	98.1	98.1	98.6	99.3
GE 000	71.0	74.7	77.8	81.0	86.0	90.6	92.4	94.9	95.6	96.4	97.3	97.9	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	56.4	59.0	60.7	63.6	65.3	66.4	67.6	68.1	68.4	68.7	68.7	68.8	68.8	68.8	68.8
GE 20000	59.9	62.7	65.3	67.0	70.2	72.0	73.4	75.1	75.8	76.1	76.3	76.3	76.4	76.4	76.4	76.4
GE 18000	60.0	62.9	65.6	67.2	70.4	72.2	73.7	75.3	76.0	76.3	76.6	76.6	76.7	76.7	76.7	76.7
GE 16000	60.3	63.2	65.9	67.6	70.8	72.6	74.0	75.7	76.3	76.7	76.9	76.9	77.0	77.0	77.0	77.0
GE 14000	61.9	64.9	67.7	69.4	72.9	74.8	76.4	78.1	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.4
GE 12000	62.4	65.8	69.0	70.8	74.2	76.1	77.8	79.4	80.1	80.4	80.7	80.7	80.8	80.8	80.8	80.8
GE 10000	63.1	66.4	69.7	71.6	75.0	76.9	78.6	80.2	80.9	81.2	81.4	81.4	81.6	81.6	81.6	81.6
GE 9000	63.2	66.6	69.8	71.7	75.1	77.0	78.7	80.3	81.0	81.3	81.6	81.6	81.7	81.7	81.7	81.7
GE 8000	64.0	67.6	70.8	72.8	76.2	78.1	79.8	81.4	82.1	82.4	82.7	82.7	82.8	82.8	82.8	82.8
GE 7000	64.0	67.6	70.8	72.8	76.2	78.1	79.8	81.4	82.1	82.4	82.7	82.7	82.8	82.8	82.8	82.8
GE 6000	64.4	68.0	71.3	73.4	76.9	78.8	80.4	82.1	82.8	83.1	83.3	83.3	83.4	83.4	83.4	83.4
GE 5000	65.0	68.6	72.0	74.1	77.7	79.6	81.2	82.9	83.6	83.9	84.1	84.1	84.2	84.2	84.2	84.2
GE 4500	65.6	69.1	72.7	74.8	78.4	80.3	82.1	84.0	84.7	85.0	85.2	85.2	85.3	85.3	85.3	85.3
GE 4000	67.2	70.8	74.3	76.6	80.3	82.2	84.0	85.9	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.2
GE 3500	68.2	71.8	75.4	77.7	81.7	83.9	85.7	87.6	88.2	88.6	88.8	88.8	88.9	88.9	88.9	88.9
GE 3000	69.4	73.2	76.9	79.3	83.7	86.3	88.2	90.1	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.4
GE 2500	70.4	74.2	78.3	80.8	85.8	88.8	90.7	92.9	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 2000	70.7	74.4	78.6	81.0	86.0	89.3	91.4	93.8	94.7	95.0	95.4	95.4	95.6	95.6	95.6	95.6
GE 1800	70.8	74.6	78.8	81.2	86.2	89.6	91.7	94.0	95.0	95.3	95.8	95.8	95.9	95.9	95.9	95.9
GE 1500	71.1	75.0	79.2	81.7	86.8	90.1	92.3	94.8	95.8	96.1	96.6	96.6	96.8	96.8	96.8	96.8
GE 1200	71.2	75.1	79.3	81.9	87.0	90.7	93.0	95.6	96.7	97.1	97.7	97.7	97.9	97.9	97.9	97.9
GE 1000	71.2	75.1	79.3	81.9	87.0	90.7	93.0	95.9	97.1	97.6	98.2	98.2	98.4	98.4	98.4	98.4
GE 900	71.2	75.1	79.3	81.9	87.0	90.7	93.0	95.9	97.2	97.8	98.4	98.4	98.7	98.7	98.7	98.7
GE 800	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.1	97.6	98.1	98.8	98.9	99.1	99.1	99.1	99.1
GE 700	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.0	99.1	99.3	99.3	99.3	99.3
GE 600	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.0	99.1	99.3	99.3	99.3	99.3
GE 500	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.1	99.2	99.4	99.4	99.4	99.4
GE 400	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.1	99.3	99.6	99.6	99.7	99.7
GE 300	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.1	99.3	99.6	99.7	99.8	99.8
GE 200	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.1	99.3	99.6	99.7	99.8	99.9
GE 100	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.1	99.3	99.6	99.7	99.8	100.0
GE 000	71.3	75.2	79.4	82.0	87.1	90.9	93.2	96.3	97.8	98.3	99.1	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	56.9	59.1	62.7	65.1	66.7	68.1	69.0	69.4	69.6	69.6	69.8	69.8	69.8	69.8	69.8
GE 20000	60.6	64.1	66.4	70.7	73.4	75.0	76.8	78.0	78.4	78.6	78.6	78.8	78.9	78.9	78.9	78.9
GE 18000	60.6	64.1	66.4	70.7	73.4	75.0	76.8	78.2	78.7	78.8	78.8	79.0	79.1	79.1	79.1	79.1
GE 16000	60.6	64.1	66.4	70.7	73.4	75.0	76.8	78.2	78.7	78.8	78.8	79.0	79.1	79.1	79.1	79.1
GE 14000	61.8	65.3	67.7	72.1	74.9	77.0	78.8	80.3	81.0	81.1	81.1	81.3	81.4	81.4	81.4	81.4
GE 12000	62.2	65.9	68.3	72.8	75.9	78.0	79.8	81.3	82.0	82.1	82.1	82.3	82.4	82.4	82.4	82.4
GE 10000	63.1	66.8	69.2	73.7	76.8	79.2	81.0	82.6	83.2	83.3	83.3	83.6	83.7	83.7	83.7	83.7
GE 9000	63.1	66.8	69.2	73.7	76.8	79.2	81.0	82.6	83.2	83.3	83.3	83.6	83.7	83.7	83.7	83.7
GE 8000	64.1	67.8	70.2	74.8	77.9	80.3	82.1	83.7	84.3	84.4	84.4	84.7	84.8	84.8	84.8	84.8
GE 7000	64.1	67.8	70.2	74.8	77.9	80.3	82.1	83.7	84.3	84.4	84.4	84.7	84.8	84.8	84.8	84.8
GE 6000	64.6	68.2	70.9	75.6	78.7	81.1	82.9	84.4	85.1	85.2	85.2	85.4	85.6	85.6	85.6	85.6
GE 5000	65.9	69.9	72.8	77.6	80.8	83.2	85.0	86.6	87.2	87.3	87.3	87.6	87.7	87.7	87.7	87.7
GE 4500	67.2	71.2	74.1	78.9	82.1	84.6	86.3	87.9	88.6	88.7	88.7	88.9	89.0	89.0	89.0	89.0
GE 4000	68.1	72.2	75.2	80.2	83.8	86.4	88.2	89.8	90.4	90.6	90.6	90.8	90.9	90.9	90.9	90.9
GE 3500	69.4	74.0	77.0	82.0	85.8	88.7	90.4	92.0	92.7	92.8	92.8	93.0	93.1	93.1	93.1	93.1
GE 3000	70.1	74.9	78.2	83.7	87.4	90.4	92.2	93.9	94.7	94.8	94.8	95.0	95.1	95.1	95.1	95.1
GE 2500	71.0	75.8	79.2	84.8	88.7	91.7	93.4	95.1	95.9	96.1	96.1	96.3	96.4	96.4	96.4	96.4
GE 2000	71.4	76.2	79.7	85.3	89.2	92.2	94.4	96.1	97.2	97.7	97.7	97.9	98.0	98.0	98.0	98.0
GE 1800	71.7	76.6	80.1	85.9	89.8	92.8	95.1	96.8	97.9	98.3	98.3	98.6	98.7	98.7	98.7	98.7
GE 1500	71.8	76.7	80.2	86.1	90.1	93.2	95.7	97.3	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3
GE 1200	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8
GE 1000	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8
GE 900	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8
GE 800	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8
GE 700	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8
GE 600	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 500	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 400	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 300	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 200	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 100	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 000	72.0	76.9	80.4	86.3	90.3	93.4	95.9	97.8	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	53.6	55.7	60.0	64.2	66.0	67.3	68.6	69.6	69.7	69.8	70.0	70.0	70.0	70.0	70.0
GE 20000	56.7	59.0	61.4	66.2	71.7	73.8	75.4	76.9	77.9	78.0	78.1	78.4	78.4	78.4	78.4	78.4
GE 18000	57.3	59.7	62.1	66.9	72.3	74.4	76.1	77.7	78.7	78.8	78.9	79.2	79.2	79.2	79.2	79.2
GE 16000	57.3	59.7	62.1	66.9	72.3	74.4	76.1	77.7	78.7	78.8	78.9	79.2	79.2	79.2	79.2	79.2
GE 14000	58.7	61.4	64.3	69.2	74.9	77.1	78.8	80.6	81.7	81.8	82.1	82.4	82.4	82.4	82.4	82.4
GE 12000	59.2	62.0	64.9	69.9	75.7	78.1	79.9	81.8	83.0	83.1	83.4	83.8	83.8	83.8	83.8	83.8
GE 10000	59.6	62.4	65.3	70.3	76.1	78.7	80.4	82.3	83.6	83.7	84.0	84.3	84.3	84.3	84.3	84.3
GE 9000	59.6	62.4	65.3	70.3	76.1	78.7	80.4	82.3	83.6	83.7	84.0	84.3	84.3	84.3	84.3	84.3
GE 8000	59.9	62.8	65.7	70.7	76.6	79.1	80.9	82.8	84.0	84.1	84.4	84.8	84.8	84.8	84.8	84.8
GE 7000	59.9	62.8	65.7	70.7	76.6	79.1	80.9	82.8	84.0	84.1	84.4	84.8	84.8	84.8	84.8	84.8
GE 6000	61.0	63.9	66.9	71.9	77.9	80.4	82.2	84.1	85.3	85.4	85.8	86.1	86.1	86.1	86.1	86.1
GE 5000	63.2	66.3	69.6	74.6	80.6	83.2	85.0	86.9	88.1	88.2	88.6	88.9	88.9	88.9	88.9	88.9
GE 4500	64.1	67.2	70.4	75.4	81.4	84.1	85.9	87.8	89.0	89.1	89.4	89.8	89.8	89.8	89.8	89.8
GE 4000	65.6	69.2	72.6	77.7	83.9	87.0	88.8	90.7	91.9	92.0	92.3	92.7	92.7	92.7	92.7	92.7
GE 3500	67.6	71.3	74.8	80.1	86.7	90.1	92.0	94.2	95.4	95.6	95.9	96.2	96.2	96.2	96.2	96.2
GE 3000	68.1	72.0	75.4	81.0	87.6	91.2	93.2	95.4	96.7	96.8	97.1	97.4	97.4	97.4	97.4	97.4
GE 2500	68.8	72.8	76.2	81.9	88.4	92.1	94.1	96.3	97.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3
GE 2000	69.0	73.0	76.6	82.2	88.8	92.4	94.4	96.7	98.1	98.2	98.6	98.9	98.9	98.9	98.9	98.9
GE 1800	69.0	73.0	76.6	82.2	88.8	92.4	94.4	96.7	98.1	98.2	98.6	98.9	98.9	98.9	98.9	98.9
GE 1500	69.2	73.4	77.0	82.7	89.6	93.2	95.2	97.4	98.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7
GE 1200	69.2	73.4	77.1	82.8	89.7	93.3	95.3	97.6	99.0	99.1	99.4	99.8	99.8	99.8	99.8	99.8
GE 1000	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 900	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 800	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 700	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 600	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	69.2	73.6	77.3	83.0	89.9	93.6	95.6	97.8	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	53.3	55.7	60.0	65.7	67.8	68.7	69.2	70.1	70.4	70.7	71.0	71.0	71.0	71.0	71.0
GE 20000	54.7	57.1	60.1	65.2	71.6	74.1	75.6	76.4	77.3	77.7	77.9	78.2	78.2	78.2	78.2	78.2
GE 18000	54.9	57.3	60.3	65.4	71.8	74.3	75.8	76.7	77.6	77.9	78.1	78.4	78.4	78.4	78.4	78.4
GE 16000	54.9	57.3	60.3	65.4	71.8	74.3	75.8	76.7	77.6	77.9	78.1	78.4	78.4	78.4	78.4	78.4
GE 14000	56.8	59.6	62.8	67.9	74.2	76.8	78.3	79.2	80.1	80.4	80.7	81.0	81.0	81.0	81.0	81.0
GE 12000	57.7	60.4	63.7	68.8	75.2	77.8	79.7	80.6	81.4	81.8	82.0	82.3	82.3	82.3	82.3	82.3
GE 10000	58.0	60.8	64.0	69.1	75.7	78.2	80.1	81.0	81.9	82.2	82.4	82.8	82.8	82.8	82.8	82.8
GE 9000	58.0	60.8	64.0	69.1	75.7	78.2	80.1	81.0	81.9	82.2	82.4	82.8	82.8	82.8	82.8	82.8
GE 8000	58.7	61.4	64.7	69.8	76.6	79.2	81.2	82.1	83.0	83.3	83.6	83.9	83.9	83.9	83.9	83.9
GE 7000	58.8	61.6	64.8	69.9	76.7	79.3	81.3	82.2	83.1	83.4	83.7	84.0	84.0	84.0	84.0	84.0
GE 6000	59.7	62.4	65.7	70.8	77.6	80.2	82.2	83.1	84.0	84.3	84.6	84.9	84.9	84.9	84.9	84.9
GE 5000	61.7	64.4	67.7	72.8	79.6	82.2	84.2	85.1	86.0	86.3	86.6	86.9	86.9	86.9	86.9	86.9
GE 4500	63.4	66.2	69.6	75.0	81.8	84.4	86.4	87.3	88.2	88.6	88.8	89.1	89.1	89.1	89.1	89.1
GE 4000	64.9	68.0	71.3	76.9	83.7	86.4	88.4	89.3	90.2	90.6	90.8	91.1	91.1	91.1	91.1	91.1
GE 3500	66.2	69.7	73.0	78.7	85.8	88.8	90.8	91.7	92.6	92.9	93.1	93.4	93.4	93.4	93.4	93.4
GE 3000	66.8	70.3	73.8	79.9	87.2	90.2	92.2	93.1	94.0	94.3	94.6	95.0	95.0	95.0	95.0	95.0
GE 2500	67.7	71.3	74.9	81.2	88.7	92.2	94.3	95.2	96.1	96.4	96.7	97.1	97.1	97.1	97.1	97.1
GE 2000	68.8	72.6	76.1	82.4	89.9	93.4	95.6	96.6	97.4	97.9	98.1	98.6	98.6	98.6	98.6	98.6
GE 1800	69.0	72.8	76.4	82.9	90.6	94.1	96.2	97.2	98.1	98.6	98.8	99.2	99.2	99.2	99.2	99.2
GE 1500	69.1	72.9	76.6	83.0	90.7	94.2	96.3	97.3	98.2	98.7	98.9	99.3	99.3	99.3	99.3	99.3
GE 1200	69.1	72.9	76.6	83.0	90.7	94.2	96.3	97.3	98.2	98.7	98.9	99.3	99.3	99.3	99.3	99.3
GE 1000	69.1	72.9	76.7	83.2	90.9	94.4	96.6	97.6	98.6	99.2	99.4	99.9	99.9	99.9	99.9	99.9
GE 900	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 800	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 700	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 600	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 500	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 400	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 300	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 200	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	69.1	72.9	76.8	83.3	91.0	94.6	96.7	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	55.1	57.4	60.1	65.3	66.9	68.3	69.3	70.0	70.3	70.4	70.7	70.7	70.7	70.7	70.7
GE 20000	56.0	58.0	60.3	63.7	69.4	71.1	73.3	74.4	75.1	75.4	75.6	76.0	76.0	76.0	76.0	76.0
GE 18000	56.0	58.0	60.3	63.7	69.4	71.1	73.3	74.4	75.1	75.4	75.6	76.0	76.0	76.0	76.0	76.0
GE 16000	56.0	58.0	60.3	63.7	69.4	71.1	73.3	74.4	75.1	75.4	75.6	76.0	76.0	76.0	76.0	76.0
GE 14000	56.9	58.9	61.6	64.9	70.7	72.3	74.6	75.7	76.3	77.0	77.1	77.6	77.6	77.6	77.6	77.6
GE 12000	57.3	59.3	62.0	65.3	71.1	72.8	75.1	76.3	77.0	77.7	77.8	78.2	78.2	78.2	78.2	78.2
GE 10000	58.2	60.2	62.9	66.2	72.3	74.0	76.3	77.6	78.2	78.9	79.0	79.4	79.4	79.4	79.4	79.4
GE 9000	58.2	60.2	62.9	66.2	72.3	74.0	76.3	77.6	78.2	78.9	79.0	79.4	79.4	79.4	79.4	79.4
GE 8000	58.8	60.9	63.6	67.0	73.2	74.9	77.2	78.4	79.1	79.8	79.9	80.3	80.3	80.3	80.3	80.3
GE 7000	58.9	61.0	63.8	67.3	73.6	75.2	77.6	78.8	79.4	80.1	80.2	80.7	80.7	80.7	80.7	80.7
GE 6000	60.4	62.6	65.3	68.9	75.1	76.8	79.1	80.3	81.0	81.7	81.8	82.2	82.2	82.2	82.2	82.2
GE 5000	61.4	63.7	66.4	70.0	76.2	77.9	80.2	81.4	82.1	82.8	82.9	83.3	83.3	83.3	83.3	83.3
GE 4500	62.7	64.9	67.7	71.3	77.6	79.2	81.6	82.8	83.4	84.1	84.2	84.7	84.7	84.7	84.7	84.7
GE 4000	64.2	66.6	69.3	73.2	79.7	81.3	83.7	84.9	85.6	86.2	86.3	86.8	86.8	86.8	86.8	86.8
GE 3500	65.2	67.9	70.7	74.6	81.0	82.7	85.0	86.2	86.9	87.6	87.7	88.1	88.1	88.1	88.1	88.1
GE 3000	65.9	68.8	71.6	75.9	82.9	84.6	86.9	88.1	88.8	89.4	89.6	90.0	90.0	90.0	90.0	90.0
GE 2500	66.8	69.7	72.4	77.0	84.4	86.1	88.4	89.7	90.3	91.0	91.1	91.6	91.6	91.6	91.6	91.6
GE 2000	67.9	71.2	74.4	79.2	87.0	88.7	91.0	92.2	92.9	93.6	93.8	94.2	94.2	94.2	94.2	94.2
GE 1800	68.1	71.4	74.7	79.8	87.7	89.3	91.7	92.9	93.6	94.2	94.4	94.9	94.9	94.9	94.9	94.9
GE 1500	68.6	71.9	75.3	80.7	88.6	90.2	92.6	94.0	94.7	95.3	95.6	96.0	96.0	96.0	96.0	96.0
GE 1200	68.8	72.2	75.7	81.3	89.8	91.4	93.9	95.6	96.2	96.9	97.1	97.6	97.6	97.6	97.6	97.6
GE 1000	69.0	72.4	76.2	82.2	90.8	92.4	94.9	96.7	97.3	98.0	98.2	98.7	98.7	98.7	98.7	98.7
GE 900	69.0	72.4	76.3	82.3	91.1	92.8	95.2	97.0	97.7	98.3	98.6	99.0	99.0	99.0	99.0	99.0
GE 800	69.0	72.4	76.3	82.3	91.2	92.9	95.4	97.2	97.9	98.6	98.8	99.2	99.2	99.2	99.2	99.2
GE 700	69.0	72.4	76.3	82.3	91.2	92.9	95.4	97.2	97.9	98.6	98.8	99.2	99.2	99.2	99.2	99.2
GE 600	69.0	72.4	76.3	82.3	91.2	93.0	95.6	97.3	98.0	98.7	98.9	99.3	99.3	99.3	99.3	99.3
GE 500	69.0	72.4	76.3	82.3	91.3	93.1	96.0	97.8	98.4	99.2	99.4	99.9	99.9	99.9	99.9	99.9
GE 400	69.0	72.4	76.3	82.3	91.3	93.1	96.0	97.8	98.4	99.2	99.4	99.9	99.9	99.9	99.9	99.9
GE 300	69.0	72.4	76.3	82.3	91.4	93.2	96.1	97.9	98.6	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 200	69.0	72.4	76.3	82.3	91.4	93.2	96.1	97.9	98.6	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	69.0	72.4	76.3	82.3	91.4	93.2	96.1	97.9	98.6	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	69.0	72.4	76.3	82.3	91.4	93.2	96.1	97.9	98.6	99.3	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	55.9	58.1	60.9	64.4	66.1	67.3	68.1	68.6	68.9	69.0	69.1	69.2	69.2	69.2	69.2
GE 20000	57.4	59.9	62.4	65.6	69.6	71.4	73.0	73.9	74.5	74.8	74.9	75.1	75.1	75.1	75.1	75.1
GE 18000	57.6	60.1	62.6	65.8	69.8	71.6	73.2	74.2	74.8	75.0	75.2	75.3	75.4	75.4	75.4	75.4
GE 16000	57.6	60.2	62.7	65.9	69.9	71.6	73.2	74.2	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.4
GE 14000	59.0	61.8	64.4	67.7	71.7	73.6	75.2	76.3	76.9	77.2	77.4	77.5	77.6	77.6	77.6	77.6
GE 12000	59.9	62.7	65.4	68.7	72.8	74.7	76.4	77.5	78.2	78.5	78.6	78.8	78.8	78.8	78.8	78.8
GE 10000	60.7	63.5	66.3	69.6	73.8	75.8	77.5	78.6	79.3	79.6	79.8	79.9	79.9	79.9	79.9	80.0
GE 9000	60.7	63.6	66.3	69.6	73.9	75.8	77.6	78.6	79.3	79.6	79.8	79.9	80.0	80.0	80.0	80.0
GE 8000	61.4	64.2	67.0	70.4	74.7	76.7	78.4	79.5	80.1	80.4	80.6	80.8	80.8	80.8	80.8	80.8
GE 7000	61.4	64.3	67.0	70.4	74.8	76.8	78.5	79.6	80.2	80.5	80.7	80.9	80.9	80.9	80.9	80.9
GE 6000	62.3	65.1	67.9	71.4	75.7	77.7	79.4	80.5	81.2	81.5	81.7	81.8	81.8	81.8	81.8	81.9
GE 5000	63.5	66.4	69.3	72.8	77.2	79.2	80.9	82.0	82.6	82.9	83.1	83.3	83.3	83.3	83.3	83.3
GE 4500	64.5	67.5	70.4	74.0	78.4	80.4	82.1	83.3	83.9	84.2	84.4	84.6	84.6	84.6	84.6	84.6
GE 4000	65.8	69.0	71.9	75.6	80.2	82.3	84.1	85.2	85.8	86.2	86.3	86.5	86.5	86.5	86.5	86.5
GE 3500	67.0	70.4	73.4	77.1	81.9	84.2	86.0	87.1	87.8	88.1	88.3	88.4	88.5	88.5	88.5	88.5
GE 3000	67.9	71.4	74.6	78.6	83.7	86.1	87.9	89.1	89.8	90.1	90.3	90.4	90.5	90.5	90.5	90.5
GE 2500	68.9	72.5	75.8	79.9	85.3	87.8	89.7	91.0	91.6	91.9	92.1	92.4	92.4	92.4	92.4	92.4
GE 2000	69.6	73.3	76.8	81.1	86.6	89.2	91.2	92.5	93.3	93.7	93.9	94.2	94.2	94.2	94.2	94.2
GE 1800	69.9	73.6	77.2	81.7	87.2	89.9	92.0	93.3	94.1	94.5	94.7	95.0	95.0	95.0	95.0	95.0
GE 1500	70.1	73.9	77.6	82.1	87.9	90.7	92.8	94.3	95.1	95.5	95.8	96.0	96.1	96.1	96.1	96.1
GE 1200	70.4	74.2	77.9	82.6	88.7	91.6	93.8	95.5	96.3	96.8	97.0	97.3	97.3	97.3	97.3	97.3
GE 1000	70.4	74.3	78.1	82.9	89.0	91.9	94.2	95.9	96.8	97.3	97.6	97.8	97.9	97.9	97.9	97.9
GE 900	70.4	74.3	78.1	82.9	89.1	92.0	94.3	96.0	96.9	97.4	97.7	98.0	98.0	98.0	98.0	98.0
GE 800	70.4	74.3	78.1	82.9	89.1	92.1	94.4	96.2	97.1	97.6	97.9	98.2	98.2	98.2	98.2	98.2
GE 700	70.4	74.3	78.1	82.9	89.2	92.2	94.5	96.4	97.3	97.8	98.1	98.4	98.4	98.4	98.4	98.5
GE 600	70.4	74.3	78.1	82.9	89.3	92.3	94.7	96.6	97.5	98.0	98.4	98.7	98.8	98.8	98.8	98.8
GE 500	70.4	74.3	78.1	83.0	89.3	92.4	94.8	96.8	97.7	98.3	98.6	99.0	99.1	99.1	99.1	99.1
GE 400	70.4	74.3	78.1	83.0	89.3	92.4	94.8	96.8	97.8	98.4	98.8	99.1	99.2	99.2	99.2	99.2
GE 300	70.4	74.3	78.1	83.0	89.4	92.4	94.9	96.8	97.8	98.5	98.9	99.2	99.4	99.4	99.4	99.4
GE 200	70.4	74.3	78.1	83.0	89.4	92.4	94.9	96.9	97.8	98.5	98.9	99.3	99.4	99.4	99.5	99.5
GE 100	70.4	74.3	78.1	83.0	89.4	92.4	94.9	96.9	97.8	98.5	99.0	99.3	99.5	99.5	99.6	99.8
GE 000	70.4	74.3	78.1	83.0	89.4	92.4	94.9	96.9	97.8	98.5	99.0	99.3	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.8	65.2	67.8	69.5	70.5	71.2	71.2	71.3	71.3	71.5	71.8	71.8	71.8	71.8	71.8	71.8
GE 20000	65.5	68.0	70.6	72.6	73.7	74.3	74.3	74.4	74.4	74.6	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	65.7	68.2	70.9	72.8	73.9	74.5	74.5	74.6	74.6	74.8	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	65.7	68.2	70.9	72.8	73.9	74.5	74.5	74.6	74.6	74.8	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	66.8	69.2	71.9	74.0	75.2	75.8	76.0	76.1	76.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7
GE 12000	67.7	70.5	73.2	75.3	76.5	77.1	77.3	77.4	77.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	68.8	71.6	74.3	76.3	77.5	78.2	78.4	78.5	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	68.8	71.6	74.3	76.3	77.5	78.2	78.4	78.5	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	70.1	73.0	75.9	78.1	79.2	79.9	80.1	80.2	80.2	80.4	80.8	80.8	80.8	80.8	80.8	80.8
GE 7000	70.1	73.0	75.9	78.2	79.6	80.2	80.4	80.5	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	70.2	73.1	76.0	78.3	79.7	80.3	80.5	80.6	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	71.2	74.1	77.0	79.4	80.9	81.5	81.7	81.8	81.8	82.0	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	72.4	75.3	78.2	80.6	82.2	82.9	83.1	83.2	83.2	83.4	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	73.5	76.6	79.6	82.6	84.3	85.1	85.3	85.4	85.4	85.6	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	74.7	78.0	81.4	84.4	86.2	87.0	87.2	87.3	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	76.2	79.6	83.3	86.6	88.4	89.1	89.4	89.5	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	77.8	81.2	85.2	88.7	90.5	91.3	91.5	91.6	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	78.9	82.3	86.2	89.8	92.2	92.9	93.1	93.2	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	79.5	82.8	87.1	91.0	93.5	94.4	94.6	94.8	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	79.7	83.0	87.4	91.5	94.2	95.2	95.4	95.7	95.7	96.1	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	80.1	83.5	88.0	92.0	94.9	96.1	96.8	97.1	97.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	80.2	83.7	88.1	92.3	95.3	96.5	97.1	97.4	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	80.2	83.9	88.3	92.5	95.6	96.8	97.4	97.7	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	80.2	83.9	88.3	92.5	95.6	96.8	97.4	97.7	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	80.2	83.9	88.3	92.5	95.6	96.8	97.4	97.7	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	80.2	83.9	88.3	92.5	95.6	96.8	97.5	97.8	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	80.2	84.0	88.4	92.6	95.7	96.9	97.6	98.0	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	80.2	84.0	88.4	92.6	95.7	96.9	97.6	98.0	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	80.2	84.0	88.4	92.7	96.0	97.2	98.2	98.5	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.2	84.0	88.4	92.7	96.0	97.2	98.2	98.5	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.2	84.0	88.4	92.7	96.0	97.2	98.2	98.5	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.2	84.0	88.4	92.7	96.0	97.2	98.2	98.5	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.1	66.5	68.2	69.5	71.2	71.3	72.0	72.3	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8
GE 20000	69.9	71.4	73.3	74.8	76.6	76.7	77.4	77.6	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2
GE 18000	69.9	71.4	73.3	74.8	76.6	76.7	77.4	77.6	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000	69.9	71.4	73.3	74.8	76.6	76.7	77.4	77.6	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2
GE 14000	71.3	72.8	74.8	76.3	78.1	78.2	78.9	79.1	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	72.0	73.7	75.8	77.3	79.0	79.1	79.9	80.1	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6
GE 10000	72.6	74.2	76.3	77.8	79.6	79.7	80.4	80.8	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	72.9	74.5	76.7	78.2	79.9	80.0	80.8	81.1	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	74.3	75.9	78.3	79.8	81.7	81.8	82.8	83.1	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000	74.4	76.0	78.4	79.9	81.8	81.9	82.9	83.2	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	74.5	76.1	78.5	80.0	81.9	82.0	83.0	83.3	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	75.9	77.5	79.9	81.4	83.3	83.4	84.4	84.7	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	76.6	78.2	80.6	82.3	84.2	84.3	85.4	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	78.5	80.3	83.0	84.6	86.6	86.7	87.8	88.2	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	79.0	81.1	84.0	85.6	87.6	87.7	88.9	89.2	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	79.9	82.0	85.1	86.7	88.9	89.0	90.4	90.8	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	80.6	82.8	85.9	87.7	90.2	90.3	91.7	92.0	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	81.9	84.1	87.2	89.1	92.0	92.2	93.5	93.9	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	82.2	84.3	87.6	89.6	92.7	92.8	94.2	94.6	94.8	94.9	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	82.9	85.3	88.6	90.9	94.1	94.2	95.8	96.5	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	83.0	85.4	88.7	91.0	94.2	94.4	96.1	96.9	97.1	97.5	97.8	97.8	97.8	98.0	98.0	98.0
GE 1000	83.3	85.7	89.0	91.5	94.7	94.9	97.2	98.1	98.3	98.7	99.0	99.0	99.0	99.1	99.1	99.1
GE 900	83.3	85.7	89.0	91.5	94.7	94.9	97.2	98.1	98.3	98.7	99.0	99.0	99.0	99.1	99.1	99.1
GE 800	83.3	85.7	89.0	91.5	94.7	94.9	97.2	98.2	98.5	98.9	99.2	99.2	99.2	99.4	99.4	99.4
GE 700	83.3	85.7	89.0	91.5	94.7	94.9	97.2	98.2	98.5	98.9	99.2	99.2	99.2	99.4	99.4	99.4
GE 600	83.3	85.7	89.0	91.5	94.7	94.9	97.4	98.4	98.7	99.1	99.5	99.5	99.5	99.6	99.6	99.7
GE 500	83.3	85.7	89.0	91.5	94.7	94.9	97.4	98.4	98.7	99.1	99.5	99.5	99.5	99.6	99.6	99.7
GE 400	83.3	85.7	89.0	91.6	94.8	95.1	97.5	98.5	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.8
GE 300	83.3	85.7	89.0	91.6	94.8	95.1	97.5	98.5	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.8
GE 200	83.3	85.7	89.0	91.6	94.8	95.1	97.5	98.5	98.8	99.2	99.6	99.7	99.7	99.8	99.8	99.9
GE 100	83.3	85.7	89.0	91.6	94.8	95.1	97.5	98.5	98.8	99.2	99.6	99.7	99.7	99.8	99.8	100.0
GE 000	83.3	85.7	89.0	91.6	94.8	95.1	97.5	98.5	98.8	99.2	99.6	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.9	64.9	65.9	66.7	68.0	69.0	69.4	69.4	69.8	69.9	70.0	70.0	70.0	70.0	70.1	70.1
GE 20000	69.4	70.6	71.6	72.4	73.7	74.7	75.1	75.1	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.9
GE 18000	69.8	71.1	72.0	72.8	74.1	75.2	75.5	75.5	75.9	76.0	76.1	76.1	76.1	76.1	76.2	76.3
GE 16000	70.1	71.4	72.5	73.2	74.5	75.6	75.9	75.9	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.8
GE 14000	71.5	72.8	74.0	74.7	76.1	77.3	77.7	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.6
GE 12000	73.7	74.9	76.1	76.9	78.3	79.5	79.9	79.9	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.8
GE 10000	75.5	76.8	78.0	78.8	80.3	81.5	82.0	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.8	82.9
GE 9000	76.1	77.4	78.6	79.5	81.0	82.2	82.7	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.5
GE 8000	77.6	78.9	80.4	81.3	82.9	84.2	84.7	84.7	85.2	85.4	85.5	85.5	85.5	85.5	85.6	85.7
GE 7000	77.6	78.9	80.4	81.3	82.9	84.2	84.7	84.8	85.3	85.5	85.6	85.6	85.6	85.6	85.7	85.8
GE 6000	78.0	79.5	81.1	81.9	83.5	84.9	85.5	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.5	86.6
GE 5000	78.3	80.0	81.6	82.5	84.1	85.5	86.1	86.2	86.7	86.9	87.0	87.0	87.0	87.0	87.1	87.2
GE 4500	78.9	80.6	82.3	83.1	84.7	86.1	86.8	86.9	87.3	87.5	87.6	87.6	87.6	87.6	87.7	87.8
GE 4000	80.4	82.4	84.0	84.8	86.5	87.8	88.5	88.6	89.0	89.2	89.4	89.4	89.4	89.4	89.5	89.6
GE 3500	81.1	83.0	84.7	85.6	87.4	88.8	89.5	89.7	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.6
GE 3000	82.7	84.8	86.6	87.4	89.2	90.6	91.4	91.6	92.0	92.3	92.4	92.4	92.4	92.4	92.5	92.6
GE 2500	83.3	85.5	87.3	88.2	90.0	91.5	92.5	92.7	93.1	93.3	93.4	93.4	93.4	93.4	93.5	93.7
GE 2000	83.7	86.1	88.2	89.0	91.0	92.6	93.5	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.7
GE 1800	84.0	86.5	88.6	89.5	91.4	93.0	94.0	94.2	94.7	94.9	95.2	95.2	95.2	95.2	95.3	95.4
GE 1500	84.3	86.8	89.0	89.9	91.9	93.5	95.1	95.6	96.1	96.3	96.7	96.7	96.7	96.7	96.8	96.9
GE 1200	84.6	87.1	89.4	90.3	92.4	94.1	95.8	96.3	97.0	97.6	98.3	98.3	98.3	98.3	98.4	98.5
GE 1000	84.6	87.1	89.4	90.3	92.4	94.1	95.9	96.5	97.1	97.7	98.4	98.4	98.4	98.4	98.5	98.6
GE 900	84.6	87.1	89.4	90.3	92.4	94.1	95.9	96.5	97.1	97.7	98.4	98.4	98.4	98.4	98.5	98.6
GE 800	84.6	87.1	89.4	90.3	92.4	94.1	95.9	96.5	97.1	97.7	98.4	98.4	98.4	98.4	98.5	98.6
GE 700	84.6	87.1	89.4	90.3	92.4	94.1	95.9	96.5	97.1	97.7	98.4	98.4	98.4	98.4	98.5	98.6
GE 600	84.6	87.1	89.4	90.3	92.6	94.3	96.1	96.7	97.3	98.0	98.6	98.6	98.6	98.6	98.7	98.8
GE 500	84.6	87.1	89.4	90.3	92.6	94.3	96.1	96.7	97.3	98.0	98.6	98.6	98.6	98.6	98.7	98.8
GE 400	84.6	87.1	89.4	90.4	92.7	94.5	96.6	97.1	97.7	98.4	99.0	99.0	99.0	99.1	99.2	99.4
GE 300	84.6	87.1	89.4	90.4	92.7	94.5	96.8	97.3	98.0	98.6	99.2	99.2	99.2	99.4	99.5	99.6
GE 200	84.6	87.1	89.4	90.4	92.8	94.6	96.9	97.4	98.1	98.7	99.5	99.5	99.5	99.6	99.9	100.0
GE 100	84.6	87.1	89.4	90.4	92.8	94.6	96.9	97.4	98.1	98.7	99.5	99.5	99.5	99.6	99.9	100.0
GE 000	84.6	87.1	89.4	90.4	92.8	94.6	96.9	97.4	98.1	98.7	99.5	99.5	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.8	64.7	65.5	65.9	67.1	67.8	68.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	70.5	72.5	73.2	73.7	75.1	75.8	76.6	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 18000	71.1	73.0	73.8	74.2	75.6	76.3	77.1	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 16000	71.5	73.4	74.2	74.6	76.0	76.8	77.5	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5
GE 14000	73.7	75.6	76.3	76.8	78.2	79.1	79.9	80.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 12000	75.9	77.8	78.6	79.0	80.4	81.4	82.2	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 10000	77.2	79.1	79.9	80.3	81.7	82.7	83.4	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 9000	77.5	79.5	80.2	80.6	82.0	83.0	83.8	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 8000	79.1	81.1	81.9	82.7	84.3	85.5	86.3	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 7000	79.7	81.6	82.5	83.2	84.8	86.0	86.9	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
GE 6000	80.2	82.2	83.0	83.8	85.4	86.6	87.4	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 5000	81.2	83.1	84.0	84.7	86.3	87.5	88.4	89.1	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4
GE 4500	81.5	83.4	84.3	85.3	86.9	88.3	89.2	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 4000	82.8	85.1	85.9	87.0	88.6	90.0	91.0	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 3500	83.9	86.2	87.1	88.2	90.0	91.4	92.4	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 3000	84.6	87.1	88.0	89.1	91.0	92.4	93.4	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 2500	85.1	87.7	88.9	90.2	92.0	93.4	94.7	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0
GE 2000	85.5	88.2	89.5	91.0	92.9	94.3	95.8	96.7	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 1800	85.5	88.3	89.6	91.1	93.0	94.4	96.0	96.9	97.0	97.2	97.6	97.6	97.7	97.7	97.7	97.7
GE 1500	85.5	88.3	89.6	91.1	93.3	94.7	96.6	97.4	97.5	97.7	98.3	98.3	98.4	98.4	98.4	98.4
GE 1200	85.5	88.3	89.6	91.1	93.4	94.8	96.9	97.8	98.0	98.3	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	85.5	88.3	89.6	91.1	93.4	94.9	97.0	98.0	98.1	98.4	98.9	98.9	99.0	99.0	99.0	99.0
GE 900	85.5	88.3	89.6	91.1	93.4	95.1	97.1	98.1	98.2	98.5	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.2	99.2	99.5	99.5	99.5	99.5
GE 200	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.2	99.2	99.6	99.7	99.8	99.9
GE 100	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.2	99.2	99.6	99.7	99.8	100.0
GE 000	85.5	88.3	89.6	91.1	93.4	95.1	97.2	98.2	98.3	98.6	99.2	99.2	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	61.2	62.7	64.1	65.4	66.0	66.6	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7
GE 20000	68.0	69.7	71.2	73.0	74.4	75.1	75.8	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 18000	68.4	70.1	71.6	73.4	74.8	75.5	76.2	77.0	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 16000	68.7	70.4	71.9	73.8	75.2	75.8	76.6	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 14000	70.5	72.4	73.9	75.7	77.1	77.7	78.5	79.2	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	72.9	74.7	76.3	78.2	79.6	80.2	81.0	81.8	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000	75.5	77.4	79.0	80.9	82.3	82.9	83.7	84.5	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 9000	75.9	77.8	79.5	81.3	82.7	83.3	84.1	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	76.7	78.6	80.3	82.2	83.8	84.4	85.2	86.0	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 7000	76.9	78.8	80.5	82.4	84.0	84.6	85.4	86.2	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000	77.4	79.4	81.1	82.9	84.5	85.2	85.9	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	78.8	80.8	82.6	84.4	86.0	86.7	87.4	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	79.6	81.5	83.4	85.4	87.0	87.6	88.5	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	82.7	84.7	86.9	88.9	90.6	91.3	92.2	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	83.8	85.9	88.1	90.2	92.2	92.8	93.7	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	84.2	86.6	88.8	91.0	93.2	93.9	94.8	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	84.8	87.2	89.6	91.7	94.2	94.8	95.9	96.9	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	84.9	87.5	90.2	92.5	95.2	95.8	97.2	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	85.1	87.6	90.3	92.6	95.3	95.9	97.3	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	85.2	87.7	90.5	92.9	95.7	96.7	98.2	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	85.2	87.7	90.5	93.0	95.8	96.8	98.3	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.2	87.7	90.5	93.0	95.8	96.8	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	57.3	59.1	61.2	63.0	63.9	64.9	65.3	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	64.8	67.1	69.2	71.7	73.8	74.7	75.8	76.1	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 18000	65.4	67.6	69.8	72.3	74.3	75.3	76.3	76.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 16000	65.8	68.1	70.2	72.7	74.7	75.7	76.8	77.1	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	67.1	69.4	71.5	74.0	76.0	77.0	78.1	78.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 12000	69.0	71.3	73.7	76.3	78.4	79.5	80.5	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	70.8	73.0	75.5	78.2	80.2	81.3	82.4	82.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 9000	70.8	73.0	75.5	78.3	80.3	81.4	82.5	82.9	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 8000	71.4	73.7	76.1	78.9	81.0	82.0	83.1	83.5	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	71.5	73.8	76.3	79.1	81.2	82.3	83.3	83.8	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 6000	72.8	75.1	77.8	80.6	82.7	83.8	84.8	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	75.4	77.8	80.8	83.7	85.7	86.8	87.8	88.3	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500	76.8	79.4	82.4	85.4	87.4	88.5	89.6	90.0	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	78.3	81.1	84.3	87.5	89.7	91.0	92.0	92.5	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	78.8	81.7	84.9	88.4	90.8	92.0	93.1	93.5	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	79.5	82.4	85.7	89.1	91.9	93.3	94.4	94.8	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	80.3	83.4	86.9	90.4	93.2	94.6	95.8	96.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	81.0	84.2	88.0	91.5	94.3	95.7	96.9	97.4	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	81.1	84.3	88.1	91.6	94.4	95.8	97.2	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	81.3	84.5	88.4	91.9	94.7	96.2	97.8	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	81.3	84.5	88.4	92.0	94.9	96.6	98.2	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	81.3	84.5	88.4	92.2	95.1	96.7	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	81.3	84.5	88.4	92.2	95.1	96.7	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	81.3	84.5	88.4	92.2	95.1	96.7	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	81.3	84.5	88.4	92.2	95.1	96.7	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	81.3	84.5	88.4	92.2	95.1	96.7	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	81.3	84.5	88.4	92.2	95.1	96.7	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	81.3	84.5	88.4	92.2	95.2	96.8	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.3	84.5	88.4	92.2	95.2	96.8	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.3	84.5	88.4	92.2	95.2	96.8	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.3	84.5	88.4	92.2	95.2	96.8	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.3	84.5	88.4	92.2	95.2	96.8	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	58.9	60.8	63.4	65.8	66.5	66.8	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5
GE 20000	62.3	64.7	66.7	69.9	73.0	73.7	74.3	74.9	74.9	75.6	75.6	75.7	75.7	75.7	75.7	75.7
GE 18000	62.7	65.2	67.1	70.3	73.4	74.1	74.7	75.4	75.4	76.0	76.0	76.1	76.1	76.1	76.1	76.1
GE 16000	63.1	65.6	67.5	70.8	73.9	74.5	75.2	75.8	75.8	76.5	76.5	76.6	76.6	76.6	76.6	76.6
GE 14000	63.8	66.3	68.3	71.5	74.6	75.3	75.9	76.6	76.6	77.2	77.2	77.3	77.3	77.3	77.3	77.3
GE 12000	64.5	67.1	69.1	72.7	75.8	76.5	77.1	77.7	77.7	78.4	78.4	78.5	78.5	78.5	78.5	78.5
GE 10000	65.8	68.5	70.5	74.1	77.2	77.8	78.5	79.1	79.1	79.8	79.8	79.9	79.9	79.9	79.9	79.9
GE 9000	65.9	68.7	70.8	74.3	77.4	78.1	78.7	79.4	79.4	80.0	80.0	80.1	80.1	80.1	80.1	80.1
GE 8000	67.7	70.5	72.9	76.5	79.7	80.3	81.0	81.6	81.6	82.3	82.3	82.4	82.4	82.4	82.4	82.4
GE 7000	68.0	70.8	73.1	76.7	79.9	80.5	81.2	81.8	81.8	82.5	82.5	82.6	82.6	82.6	82.6	82.6
GE 6000	68.7	71.5	74.0	77.5	80.8	81.4	82.0	82.7	82.7	83.3	83.3	83.4	83.4	83.4	83.4	83.4
GE 5000	71.1	73.9	76.5	80.3	83.5	84.2	84.8	85.5	85.5	86.1	86.1	86.2	86.2	86.2	86.2	86.2
GE 4500	72.9	75.7	78.4	82.3	85.5	86.1	86.8	87.4	87.4	88.1	88.1	88.2	88.2	88.2	88.2	88.2
GE 4000	74.7	77.7	80.8	84.7	88.2	88.8	89.5	90.1	90.1	90.8	90.8	90.9	90.9	90.9	90.9	90.9
GE 3500	75.3	78.5	81.5	85.5	88.9	89.6	90.2	90.9	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6
GE 3000	76.9	80.1	83.3	87.3	91.0	91.6	92.3	92.9	92.9	93.5	93.5	93.7	93.7	93.7	93.7	93.7
GE 2500	78.4	81.7	85.1	89.2	93.3	94.0	94.6	95.4	95.4	96.0	96.0	96.1	96.1	96.1	96.1	96.1
GE 2000	79.8	83.1	86.7	91.2	95.6	96.2	96.9	97.6	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 1800	79.9	83.2	86.8	91.3	95.8	96.5	97.1	97.8	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6
GE 1500	79.9	83.2	86.8	91.3	95.8	96.5	97.1	97.8	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6
GE 1200	80.1	83.4	87.0	91.5	96.2	96.9	97.6	98.4	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 1000	80.1	83.4	87.0	91.5	96.2	96.9	97.6	98.4	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4
GE 900	80.1	83.4	87.0	91.5	96.2	96.9	97.6	98.4	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4
GE 800	80.1	83.4	87.0	91.6	96.3	97.1	98.0	98.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 700	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 600	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	80.1	83.4	87.0	91.6	96.5	97.2	98.2	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.6	64.9	66.9	68.9	70.3	71.0	71.1	71.3	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 20000	65.8	68.4	70.3	72.7	74.8	75.5	75.6	75.8	76.0	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	66.1	68.7	70.6	73.0	75.2	75.8	75.9	76.1	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 16000	66.3	68.9	70.9	73.2	75.4	76.0	76.1	76.3	76.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 14000	66.6	69.4	71.3	73.7	76.1	76.8	76.9	77.1	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0
GE 12000	67.4	70.4	72.4	74.7	77.2	77.8	78.0	78.2	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	68.7	71.7	73.7	76.0	78.5	79.1	79.2	79.5	79.7	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 9000	68.7	71.7	73.7	76.0	78.5	79.1	79.2	79.5	79.7	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	69.4	72.4	74.5	77.0	79.7	80.4	80.5	80.8	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	69.5	72.6	74.7	77.2	79.9	80.6	80.8	81.0	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE 6000	70.2	73.3	75.5	78.0	80.6	81.4	81.5	81.7	81.9	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 5000	71.5	74.6	76.8	79.4	82.0	82.8	82.9	83.1	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	72.9	76.0	78.4	81.0	83.8	84.5	84.6	84.8	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	75.2	78.5	81.0	84.2	87.1	87.8	88.0	88.2	88.4	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	76.2	79.7	82.5	85.7	88.9	89.7	89.8	90.0	90.2	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	77.1	80.8	83.5	86.9	90.1	90.9	91.0	91.2	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	78.3	81.9	84.9	88.6	92.2	93.2	93.3	93.5	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	78.9	82.6	86.0	90.0	94.2	95.3	95.4	95.6	95.8	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	79.1	83.0	86.5	90.5	94.9	96.0	96.1	96.5	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	79.4	83.3	86.8	91.0	95.5	96.7	96.8	97.2	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	79.8	83.8	87.2	91.4	96.2	97.4	97.6	98.1	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	79.8	83.8	87.2	91.4	96.2	97.5	97.7	98.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.8	83.8	87.2	91.4	96.3	97.7	98.1	98.5	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.2	63.0	64.6	66.1	67.7	68.3	68.8	69.2	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	67.0	69.0	70.8	72.6	74.4	75.1	75.6	76.0	76.2	76.4	76.5	76.6	76.6	76.6	76.6	76.6
GE 18000	67.4	69.4	71.1	73.0	74.7	75.4	76.0	76.3	76.5	76.8	76.9	76.9	76.9	76.9	76.9	77.0
GE 16000	67.6	69.7	71.4	73.2	75.0	75.7	76.3	76.6	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 14000	68.9	71.0	72.8	74.6	76.4	77.2	77.7	78.1	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 12000	70.4	72.6	74.4	76.3	78.1	78.9	79.5	79.9	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	71.9	74.0	75.9	77.8	79.7	80.4	81.0	81.4	81.6	81.9	82.0	82.0	82.0	82.0	82.1	82.1
GE 9000	72.1	74.3	76.1	78.1	79.9	80.7	81.3	81.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 8000	73.3	75.5	77.6	79.5	81.5	82.3	83.0	83.4	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	73.5	75.7	77.7	79.7	81.8	82.6	83.2	83.6	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3
GE 6000	74.0	76.3	78.4	80.4	82.4	83.2	83.8	84.3	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	75.4	77.7	79.9	82.0	84.0	84.8	85.5	85.9	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	76.4	78.8	81.0	83.2	85.2	86.0	86.7	87.2	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	78.3	80.8	83.2	85.6	87.7	88.6	89.3	89.7	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.4
GE 3500	79.1	81.8	84.3	86.7	89.0	89.9	90.6	91.0	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7
GE 3000	80.1	82.9	85.5	88.0	90.5	91.4	92.1	92.6	92.8	93.1	93.2	93.2	93.2	93.2	93.3	93.3
GE 2500	81.1	83.9	86.7	89.4	92.0	92.9	93.8	94.3	94.5	94.8	94.9	94.9	94.9	94.9	94.9	95.0
GE 2000	81.8	84.8	87.7	90.5	93.4	94.4	95.3	95.8	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	82.0	85.0	88.1	90.9	93.9	94.9	95.8	96.4	96.6	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 1500	82.3	85.3	88.4	91.3	94.4	95.5	96.6	97.2	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	82.4	85.5	88.6	91.5	94.8	95.9	97.2	97.8	98.1	98.6	98.9	98.9	98.9	98.9	99.0	99.0
GE 1000	82.5	85.5	88.6	91.7	94.9	96.0	97.4	98.1	98.4	98.9	99.2	99.2	99.2	99.2	99.3	99.3
GE 900	82.5	85.6	88.7	91.7	94.9	96.1	97.5	98.2	98.5	99.0	99.3	99.3	99.3	99.4	99.4	99.4
GE 800	82.5	85.6	88.7	91.7	95.0	96.1	97.6	98.3	98.6	99.1	99.4	99.4	99.4	99.5	99.5	99.5
GE 700	82.5	85.6	88.7	91.7	95.0	96.2	97.6	98.3	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5
GE 600	82.5	85.6	88.7	91.7	95.0	96.2	97.6	98.4	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	82.5	85.6	88.7	91.7	95.0	96.2	97.7	98.4	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.7
GE 400	82.5	85.6	88.7	91.7	95.1	96.3	97.7	98.5	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7
GE 300	82.5	85.6	88.7	91.7	95.1	96.3	97.8	98.6	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.9
GE 200	82.5	85.6	88.7	91.7	95.1	96.3	97.8	98.6	98.9	99.4	99.7	99.8	99.8	99.9	99.9	100.0
GE 100	82.5	85.6	88.7	91.7	95.1	96.3	97.8	98.6	98.9	99.4	99.7	99.8	99.8	99.9	99.9	100.0
GE 000	82.5	85.6	88.7	91.7	95.1	96.3	97.8	98.6	98.9	99.4	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	54.4	58.4	62.3	66.5	68.5	69.8	70.5	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2
GE 20000	53.2	57.8	62.0	66.2	70.7	72.8	74.3	75.0	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.8
GE 18000	53.5	58.0	62.2	66.4	70.9	73.0	74.5	75.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	53.5	58.1	62.3	66.6	71.0	73.2	74.7	75.4	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2
GE 14000	54.6	59.3	63.6	67.9	72.4	74.6	76.1	76.9	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6
GE 12000	55.9	60.6	65.0	69.4	74.1	76.3	77.8	78.6	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	56.8	61.6	66.0	70.5	75.2	77.5	79.0	79.9	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.7
GE 9000	56.8	61.6	66.1	70.5	75.3	77.6	79.1	80.0	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8
GE 8000	57.4	62.3	66.8	71.2	76.0	78.3	79.9	80.7	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.6
GE 7000	57.5	62.4	66.9	71.4	76.2	78.4	80.0	80.9	81.3	81.5	81.6	81.6	81.7	81.7	81.7	81.7
GE 6000	58.1	63.0	67.5	72.0	76.8	79.1	80.7	81.5	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 5000	59.3	64.3	68.8	73.4	78.3	80.6	82.2	83.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.9
GE 4500	60.5	65.6	70.3	74.9	79.9	82.2	83.8	84.6	85.0	85.3	85.4	85.4	85.5	85.5	85.5	85.5
GE 4000	61.9	67.1	71.8	76.6	81.6	84.0	85.6	86.4	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3
GE 3500	63.1	68.5	73.4	78.2	83.4	85.8	87.4	88.3	88.7	89.0	89.1	89.1	89.1	89.1	89.2	89.2
GE 3000	64.3	69.8	74.8	79.8	85.2	87.6	89.3	90.2	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1
GE 2500	65.0	70.7	75.9	81.0	86.5	89.1	90.8	91.7	92.1	92.4	92.5	92.5	92.6	92.6	92.6	92.6
GE 2000	65.7	71.5	76.8	82.1	87.9	90.6	92.4	93.4	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 1800	65.9	71.8	77.2	82.6	88.5	91.3	93.1	94.1	94.6	94.9	95.0	95.0	95.1	95.1	95.1	95.1
GE 1500	66.1	72.0	77.6	83.1	89.1	92.0	94.0	95.1	95.6	95.8	96.0	96.0	96.0	96.0	96.1	96.1
GE 1200	66.3	72.2	77.9	83.6	89.8	92.8	95.0	96.1	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1000	66.3	72.3	78.0	83.7	90.1	93.2	95.5	96.8	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9
GE 900	66.3	72.3	78.0	83.8	90.1	93.3	95.7	97.0	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	66.4	72.3	78.0	83.8	90.3	93.5	96.0	97.3	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6
GE 700	66.4	72.3	78.0	83.9	90.3	93.6	96.1	97.5	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8
GE 600	66.4	72.3	78.0	83.9	90.3	93.7	96.2	97.6	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.1
GE 500	66.4	72.4	78.1	83.9	90.4	93.7	96.3	97.7	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	66.4	72.4	78.1	83.9	90.4	93.7	96.3	97.8	98.6	99.1	99.3	99.4	99.5	99.5	99.5	99.5
GE 300	66.4	72.4	78.1	83.9	90.4	93.8	96.4	97.9	98.6	99.1	99.4	99.5	99.6	99.6	99.6	99.7
GE 200	66.4	72.4	78.1	83.9	90.4	93.8	96.4	97.9	98.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8
GE 100	66.4	72.4	78.1	83.9	90.4	93.8	96.4	97.9	98.6	99.2	99.5	99.5	99.7	99.7	99.8	99.9
GE 000	66.4	72.4	78.1	83.9	90.4	93.8	96.4	97.9	98.6	99.2	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 87640

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	40.4	24.4	18.2	16.3	.6	35.2	9.7	930
03-05	43.8	22.3	18.3	14.7	1.0	34.0	7.8	930
06-08	25.4	36.1	24.1	12.9	1.5	38.5	8.2	930
09-11	17.3	37.6	32.6	10.9	1.6	45.1	8.7	930
12-14	18.2	35.6	33.8	11.4	1.1	46.2	8.9	930
15-17	16.7	36.5	35.8	10.4	.6	46.9	10.2	930
18-20	26.2	34.1	26.3	12.7	.6	39.7	10.6	930
21-23	37.6	27.4	20.0	14.3	.6	34.9	10.3	930
ALL HOURS	28.2	31.7	26.1	13.0	1.0	40.1	9.3	7440

MONTH: FEB HOURS: ALL

00-02	35.5	25.4	18.0	20.9	.2	39.1	12.5	846
03-05	34.0	26.5	18.0	20.7	.8	39.5	12.8	846
06-08	18.9	32.0	31.7	16.5	.8	49.1	10.6	846
09-11	13.1	34.3	34.8	17.3	.6	52.6	11.8	846
12-14	12.1	33.1	37.6	16.8	.5	54.8	10.9	846
15-17	11.5	34.2	37.7	16.4	.2	54.4	13.0	846
18-20	18.1	37.1	29.4	15.4		44.8	14.7	846
21-23	30.1	29.7	22.7	17.5		40.2	12.5	846
ALL HOURS	21.7	31.5	28.7	17.7	.4	46.8	12.4	6768

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	32.3	23.5	21.1	22.8	.3	44.2	17.8	930
03-05	31.5	27.1	17.4	22.7	1.3	41.4	15.8	930
06-08	16.2	31.2	31.9	18.8	1.8	52.6	18.2	930
09-11	13.9	33.3	32.4	19.8	.6	52.8	21.6	930
12-14	12.2	33.9	34.6	18.9	.4	54.0	20.8	930
15-17	12.4	31.4	38.9	16.9	.4	56.3	21.6	928
18-20	18.1	33.0	29.0	19.5	.3	48.9	17.7	927
21-23	29.9	26.2	22.0	21.6	.3	43.9	15.4	927
ALL HOURS	20.8	30.0	28.4	20.1	.7	49.2	18.6	7432

MONTH: APR HOURS: ALL

00-02	39.2	21.7	18.9	20.1	.1	39.1	14.4	900
03-05	34.4	22.0	18.6	23.8	1.2	43.6	16.3	900
06-08	19.3	31.2	23.2	23.9	2.3	49.4	20.4	900
09-11	19.1	35.2	28.9	16.2	.6	45.7	22.2	900
12-14	16.9	37.7	31.2	14.0	.2	45.4	20.7	900
15-17	17.2	39.7	30.6	12.6		43.1	19.0	900
18-20	21.4	36.6	32.2	9.8		42.0	15.4	900
21-23	33.4	28.9	21.3	16.3		37.7	12.4	900
ALL HOURS	25.1	31.6	25.6	17.1	.6	43.3	17.6	7200

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	36.1	21.8	21.1	20.2	.8	42.0	19.4	930
03-05	28.7	20.8	19.8	28.8	1.9	50.5	24.6	930
06-08	18.6	23.8	24.1	29.9	3.7	57.6	32.3	930
09-11	17.5	32.4	30.1	18.1	1.9	50.1	35.5	930
12-14	17.5	39.5	29.9	11.6	1.5	43.0	34.6	930
15-17	24.3	37.1	29.5	7.8	1.3	38.6	24.6	930
18-20	25.3	38.2	28.3	7.5	.8	36.6	18.7	930
21-23	38.0	28.7	21.6	11.1	.6	33.3	13.8	930
ALL HOURS	25.8	30.3	25.5	16.9	1.6	44.0	25.4	7440

MONTH: JUN HOURS: ALL

00-02	57.6	15.1	10.6	16.8		27.3	22.3	900
03-05	40.9	18.9	11.7	27.6	1.0	40.2	30.0	900
06-08	32.3	21.8	14.7	30.8	.4	45.9	44.7	900
09-11	32.2	28.3	20.8	18.6	.1	39.4	42.3	900
12-14	30.2	40.3	21.3	8.1		29.4	43.0	900
15-17	39.3	39.3	17.6	3.8		21.3	28.9	900
18-20	45.7	37.6	12.4	4.3		16.8	20.4	900
21-23	59.8	24.3	8.7	7.2		15.9	17.3	900
ALL HOURS	42.3	28.2	14.7	14.6	.2	29.5	31.1	7200

D - 3 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	70.6	15.8	8.8	4.7		13.5	7.7	930
03-05	55.2	26.1	10.6	8.0	.1	18.7	16.0	930
06-08	39.2	36.0	15.8	8.7	.2	24.7	31.4	930
09-11	31.1	47.6	17.5	3.8		21.3	31.2	930
12-14	28.9	53.0	15.9	2.2		18.1	25.2	930
15-17	35.3	48.6	14.1	2.0		16.1	13.3	930
18-20	41.3	44.3	13.4	1.0		14.4	7.0	930
21-23	68.0	21.5	8.5	2.0		10.5	3.9	930
ALL HOURS	46.2	36.6	13.1	4.0	.0	17.2	17.0	7440

MONTH: AUG HOURS: ALL

00-02	67.1	17.7	9.4	5.8		15.2	9.1	930
03-05	55.5	24.1	8.4	12.0		20.4	16.7	930
06-08	33.4	39.6	13.8	13.1	.1	27.0	30.6	930
09-11	23.0	56.8	14.5	5.7		20.2	31.1	930
12-14	21.4	61.3	13.9	3.4		17.3	24.7	930
15-17	29.5	53.9	13.5	3.1		16.7	16.8	930
18-20	44.7	38.8	13.8	2.7		16.5	8.5	930
21-23	67.0	20.8	9.1	3.1		12.3	5.5	930
ALL HOURS	42.7	39.1	12.0	6.1	.0	18.2	17.9	7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	56.1	17.9	13.3	12.7		26.0	18.9	900
03-05	46.9	20.8	14.7	17.2	.4	32.3	20.6	900
06-08	30.7	29.8	21.3	17.2	1.0	39.6	20.9	900
09-11	24.1	42.9	22.2	9.8	1.0	33.0	21.3	900
12-14	21.6	51.3	21.8	4.7	.7	27.1	24.1	900
15-17	25.7	47.4	22.8	3.7	.4	26.9	18.9	900
18-20	39.9	38.4	15.8	5.6	.3	21.7	16.7	900
21-23	54.7	23.8	14.4	6.8	.3	21.6	16.2	900
ALL HOURS	37.4	34.0	18.3	9.7	.5	28.5	19.7	7200

MONTH: OCT HOURS: ALL

00-02	40.8	25.7	17.0	14.4	2.2	33.5	29.8	930
03-05	39.4	23.2	16.5	16.7	4.3	37.4	24.9	930
06-08	26.6	28.6	25.4	14.6	4.8	44.8	24.2	930
09-11	24.5	36.5	25.5	11.0	2.6	39.0	28.0	930
12-14	23.2	40.6	26.7	6.9	2.6	36.1	27.4	930
15-17	24.3	42.4	24.7	6.3	2.3	33.3	30.1	930
18-20	36.0	35.1	20.8	6.6	1.6	28.9	29.1	930
21-23	43.8	24.4	20.0	10.2	1.6	31.8	29.1	930
ALL HOURS	32.3	32.1	22.1	10.8	2.7	35.6	27.8	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	43.3	22.6	18.7	14.3	1.1	34.1	19.2	900
03-05	44.9	19.7	17.1	16.3	2.0	35.4	18.2	900
06-08	24.3	34.0	25.0	14.8	1.9	41.7	15.8	900
09-11	22.1	37.6	26.1	12.8	1.4	40.3	18.2	900
12-14	18.6	40.4	28.3	11.8	.9	41.0	16.9	900
15-17	18.9	41.9	29.3	9.4	.4	39.2	20.4	900
18-20	32.9	32.0	24.0	10.8	.3	35.1	20.9	900
21-23	39.7	26.2	18.6	15.2	.3	34.1	20.1	900
ALL HOURS	30.6	31.8	23.4	13.2	1.1	37.6	18.7	7200

MONTH: DEC HOURS: ALL

00-02	38.7	26.0	21.7	13.5		35.3	9.7	930
03-05	41.1	24.5	20.1	14.2	.1	34.4	9.5	930
06-08	21.3	38.8	28.3	11.4	.2	39.9	8.8	930
09-11	15.7	43.3	30.5	10.3	.1	41.0	8.3	930
12-14	15.5	38.6	33.9	12.0		45.9	8.1	930
15-17	13.2	40.2	34.5	12.0		46.6	10.4	930
18-20	25.9	34.3	25.4	14.4		39.8	12.6	930
21-23	34.8	31.1	19.0	15.1		34.1	12.2	930
ALL HOURS	25.8	34.6	26.7	12.9	.1	39.6	9.9	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	46.5	21.5	16.4	15.2	.4	32.0	15.9	10956
03-05	41.4	23.0	15.9	18.5	1.2	35.6	17.8	10956
06-08	25.6	31.9	23.2	17.7	1.6	42.5	22.2	10956
09-11	21.2	38.9	26.3	12.8	.9	40.0	23.4	10956
12-14	19.7	42.2	27.3	10.1	.7	38.1	22.1	10956
15-17	22.4	41.1	27.4	8.7	.5	36.5	19.0	10954
18-20	31.4	36.6	22.5	9.1	.3	32.0	16.0	10953
21-23	44.8	26.1	17.1	11.7	.3	29.1	14.1	10953
ALL HOURS	31.6	32.7	22.0	13.0	.7	35.7	18.8	87640



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 110					.1	.3	.3	.6	.8				.2
GE 105					.1	2.2	4.5	4.1	4.8	.3			1.3
GE 100				.3	2.3	8.2	20.8	19.5	17.9	2.1			6.0
GE 95			.2	2.2	5.1	21.6	55.2	53.1	37.9	9.3	.1		15.5
GE 90	.1	.2	.7	7.0	14.7	42.2	83.0	78.6	57.0	22.2	2.4		25.9
GE 85	.5	2.4	3.6	16.2	29.2	58.5	95.2	92.9	72.3	38.4	9.1	.3	35.1
GE 80	4.9	8.3	13.0	29.7	46.3	74.6	99.1	97.8	85.0	54.8	22.6	3.5	45.2
GE 75	13.3	20.4	26.6	46.5	64.7	87.7	99.9	99.7	94.0	72.5	39.5	15.1	56.8
GE 70	27.5	36.4	42.4	61.3	80.4	94.6	100.0	99.9	98.8	87.9	55.2	32.1	68.2
GE 65	45.4	55.6	58.2	77.3	90.8	98.4		100.0	99.6	96.3	74.1	50.6	79.0
GE 60	63.8	74.8	78.5	89.9	97.2	99.9			100.0	99.4	90.0	71.0	88.7
GE 55	84.9	90.8	93.3	97.8	99.8	100.0				100.0	98.0	88.2	96.1
GE 50	96.3	98.5	98.8	99.7	100.0						99.9	98.1	99.3
GE 45	99.4	99.9	99.9	100.0							99.9	99.6	99.9
GE 40	100.0	100.0	100.0								100.0	100.0	100.0
MEAN	63.8	66.3	67.8	73.4	78.5	86.4	94.9	94.2	90.4	81.1	71.5	64.9	77.8
SD	8.96	9.04	9.45	10.57	10.17	9.90	5.90	6.47	9.50	9.69	9.32	8.45	14.28
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80							.1						.0
GE 75							.5	.5	.4				.1
GE 70						.1	4.5	6.4	3.0				1.2
GE 65					.1	2.3	24.9	31.4	16.1	.7	.1		6.4
GE 60	.1			.6	3.2	21.9	58.5	63.5	45.7	8.5	.4		17.0
GE 55	.7	1.2	1.4	7.2	30.3	63.6	88.1	89.4	76.5	31.6	3.6	.3	33.1
GE 50	5.2	9.5	13.6	35.1	68.9	91.7	99.6	99.2	95.3	63.4	16.6	4.5	50.5
GE 45	18.7	28.3	42.0	65.5	91.1	99.0	100.0	100.0	99.8	90.0	45.8	17.1	66.6
GE 40	42.6	57.8	75.5	90.4	98.9	100.0			100.0	98.6	75.5	46.9	82.3
GE 35	73.3	85.2	93.5	99.3	99.9					99.9	95.5	80.0	93.9
GE 33	82.3	92.6	97.2	99.9	100.0					99.9	98.5	88.8	96.6
GE 30	93.3	98.5	99.6	100.0						100.0	99.9	96.4	99.0
GE 25	99.7	100.0	100.0								100.0	99.9	100.0
GE 20	100.0											100.0	100.0
MEAN	38.6	41.0	43.2	46.9	51.6	55.9	60.8	61.4	58.7	51.6	43.8	39.2	49.4
SD	6.32	6.03	5.54	5.41	4.92	4.54	5.15	5.38	5.70	5.64	5.76	5.58	9.77
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90							.8	.6	.8				.2
GE 85					.1	1.1	8.2	9.0	7.2	.1			2.2
GE 80				.2	1.0	9.3	38.2	40.8	24.4	2.1			9.8
GE 75			.1	1.7	6.2	30.3	74.5	74.5	49.4	11.1	.1		20.9
GE 70	.2	.4	.7	8.3	23.7	62.1	97.1	96.0	77.2	28.9	2.2		33.3
GE 65	1.5	3.5	6.7	25.4	54.1	86.7	100.0	99.9	96.0	60.9	14.0	1.0	46.0
GE 60	10.1	16.0	25.8	54.7	82.2	98.0		100.0	99.8	88.8	39.0	10.2	60.6
GE 55	29.6	44.1	56.7	79.9	96.6	100.0			100.0	98.0	69.0	35.1	75.9
GE 50	62.7	77.6	85.6	95.7	99.9					99.6	92.9	69.6	90.3
GE 45	87.1	95.0	98.1	99.8	100.0					100.0	99.2	91.4	97.5
GE 40	97.9	99.6	100.0	100.0							99.9	99.0	99.7
GE 35	99.8	100.0									100.0	100.0	100.0
GE 33	99.9												100.0
GE 30	100.0												100.0
MEAN	51.4	53.8	55.7	60.3	65.2	71.3	78.0	78.0	74.7	66.6	57.8	52.3	63.8
SD	6.05	5.74	5.70	6.47	6.03	6.01	4.70	4.94	6.37	6.11	5.97	5.51	11.18
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137

E - 2 - 3

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					98	105	108	98	104	96	87	77	108*
44	82	80	83	86	94	104	104	110	109	93	80	79	110
45	80	79	84	97	93	105	102	105	104	98	90	78	105
46	82	81	87	96	92	100	103	108	104	88	81	79	108
47	83	83	87	96	100	96	106	104	106	100	81	78	106
48	84	78	75	92	93	94	100	106	109	97	84	75	109
49	65	80	77	96	97	100	102	103	106	97	93	83	106
50	80	85	88	93	90	107	104	108	103	105	90	83	108
51	84	86	86	90	100	99	104	99	104	99	88	69	104
52	74	80	86	91	94	99	100	104	103	101	85	78	104
53	83	82	88	82	89	100	106	104	107	99	87	78	107
54	81	87	82	95	89	104	105	104	98	100	85	73	105
55	77	83	89	87	95	101	100	107	113	96	90	76	113
56	76	72	87	91	100	102	100	106	102	90	90	77	106
57	70	87	85	87	94	103	108	103	105	87	80	76	108
58	75	82	76	98	93	99	109	102	101	100	88	85	109
59	84	80	87	99	89	102	108	103	102	99	84	80	108
60	73	75	89	92	98	102	109	102	104	92	84	77	109
61	82	82	82	98	90	112	103	102	98	98	83	75	112
62	86	80	85	95	92	101	101	108	103	93	91	80	108
63	71	87	85	83	89	93	101	103	106	90	90	80	106
64	83	78	83	92	90	106	105	106	99	102	85	72	106
65	79	82	81	95	96	92	103	105	97	99	87	83	105
66	78	75	95	94	100	105	101	103	104	95	93	76	105
67	79	83	84	73	104	96	103	110	99	97	91	77	110
68	82	89	89	91	103	102	105	105	106	98	94	78	106
69	84	73	84	87	97	101	103	107	105	93	91	79	107
70	73	86	85	88	103	106	106	110	101	100	90	79	110
71	91	93	90	89	89	101	105	104	112	102	84	65	112
72	75	85	93	90	100	107	112	108	99	91	81	80	112
73	81	71	70	92	104	112	107	105	97	97	84	79	112
74	75	77	80	90	102	105	104	102	102	99	88	76	105
75	83	80	82	80	95	97	102	109	103	99	93	83	109

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	85	83	83	93	102	106	104	106	94	94	91	83	106
77	76	87	76	88	91	96	107	104	102	98	90	85	107
78	73	76	83	78	100	101	108	105	107	104	90	73	108
79	65	74	80	84	97	113	107	98	110	96	80	84	113
80	74	80	76	93	90	103	110	106	109	109	96	88	110
81	80	89	78	99	96	108	106	112	105	94	90	79	112
82	74	80	76	86	93	91	105	107	113	93	82	74	113
83	80	78	81	83	98	100	110	112	107	93	88	77	112
84	80	81	88	97	111	102	108	105	111	95	88	73	111
85	70	83	83	98	94	106	111	110	98	97	88	83	111
86	84	89	89	93	101	105	104	106	102	92	88	81	106
87	82	78	82	100	101	102	105	104	106	105	82	78	106
88	77	82	99	98	103	106	109	104	112	101	93	83	112
89	77	81	85	102	96	104	108	97	104	96	90	83	108
90	84	81	88										88*

GREATEST	91	93	99	102	111	113	112	112	113	109	96	88	113
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137

THE GREATEST VALUE OF 113 OCCURRED ON 09/06/55

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					40	43	50	49	49	40	34	31	31*
44	29	28	30	36	40	42	47	48	46	40	32	31	28
45	30	31	31	33	36	47	54	51	45	39	34	27	27
46	27	30	32	38	45	50	51	51	50	38	35	34	27
47	28	36	37	38	47	50	52	50	48	43	30	30	28
48	27	28	26	35	39	48	48	46	42	39	33	26	26
49	20	27	33	38	43	47	53	50	45	35	42	25	20
50	25	29	30	39	38	44	57	48	49	43	31	34	25
51	28	30	32	37	42	48	53	52	50	41	33	28	28
52	29	32	32	43	46	46	53	56	47	42	31	32	29
53	32	29	30	32	40	43	55	48	47	38	35	27	27
54	25	35	30	40	39	45	53	49	49	40	36	29	25
55	32	28	33	33	40	43	50	57	44	42	34	30	28
56	32	28	30	34	46	50	52	53	52	35	32	28	28
57	28	31	37	41	45	50	51	52	50	45	29	34	28
58	30	34	32	38	47	49	53	55	52	46	27	34	27
59	34	33	40	43	42	52	59	51	54	48	39	34	33
60	26	33	39	38	40	51	52	51	51	43	34	29	26
61	29	35	35	36	45	51	55	53	50	37	34	31	29
62	27	29	32	43	42	48	52	56	50	44	36	26	26
63	24	42	33	38	44	50	52	55	55	49	35	30	24
64	26	27	31	36	41	44	50	52	45	43	30	29	26
65	27	26	33	37	38	44	50	54	46	41	35	31	26
66	27	30	29	39	43	46	51	54	46	40	32	31	27
67	29	32	32	36	36	40	54	59	55	46	35	27	27
68	25	32	36	34	42	47	50	50	46	45	34	24	24
69	33	33	34	37	43	50	52	54	53	40	34	29	29
70	25	37	36	33	43	47	57	58	48	36	37	33	25
71	27	33	32	34	43	45	53	52	44	31	34	28	27
72	25	27	33	35	42	51	56	55	50	45	35	27	25
73	25	37	37	36	43	50	52	53	49	44	33	32	25
74	27	30	31	36	37	48	51	53	53	46	36	28	27
75	26	29	33	35	34	48	51	51	50	36	30	29	26

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	24	34	32	36	43	47	53	49	50	41	31	34	24
77	32	33	26	37	39	47	53	57	46	44	37	35	26
78	32	33	37	38	39	47	51	49	49	46	35	25	25
79	26	30	33	38	42	52	53	57	53	40	31	32	26
80	36	33	38	40	41	41	54	49	50	42	35	36	33
81	32	34	40	41	45	56	57	57	54	44	34	29	29
82	27	35	36	38	44	49	51	57	46	43	35	30	27
83	30	34	40	35	43	49	53	56	57	48	35	35	30
84	34	36	39	40	46	54	62	62	57	44	37	33	33
85	34	32	33	47	47	50	58	53	48	46	35	32	32
86	38	31	39	42	43	55	56	57	48	46	41	35	31
87	29	32	33	37	49	52	52	52	57	50	35	27	27
88	30	35	37	44	48	46	60	52	50	48	36	29	29
89	30	25	36	40	49	52	57	50	50	41	38	29	25
90	34	31	35										31*
.....													
LEAST	20	25	26	32	34	40	47	46	42	31	27	24	20
.....													
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137
.....													

THE LEAST VALUE OF 20 OCCURRED ON 01/12/49

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43					67	70	75	74	74	66	59	52	67*
44	51	49	55	57	64	65	72	76	73	65	55	53	61
45	51	52	51	58	62	69	77	78	75	66	56	51	62
46	51	51	55	63	63	72	77	77	75	62	54	53	63
47	50	56	58	62	67	70	77	75	76	64	54	50	63
48	53	49	49	58	63	69	74	74	74	65	56	47	61
49	41	48	53	62	64	72	75	76	75	63	63	50	62
50	46	56	57	62	62	69	78	75	71	69	61	57	64
51	50	52	57	61	65	70	79	77	75	66	57	49	63
52	48	53	52	60	68	67	78	79	77	69	54	50	63
53	55	53	56	57	61	69	79	76	74	66	59	52	63
54	50	58	53	62	65	69	81	75	74	65	61	51	64
55	48	52	58	59	63	70	75	81	76	65	57	52	63
56	53	49	57	59	65	73	77	75	78	62	59	53	63
57	48	57	57	60	62	74	79	78	73	63	54	54	63
58	53	56	53	61	69	71	76	80	77	71	57	57	65
59	54	52	61	66	65	75	82	78	73	68	61	54	66
60	49	52	59	63	66	74	81	78	78	66	56	52	64
61	55	56	55	63	63	75	79	80	72	66	56	52	64
62	52	52	52	65	63	71	76	79	75	66	59	54	64
63	49	61	55	57	65	69	77	78	77	68	58	53	64
64	49	51	53	57	62	68	77	77	71	70	53	50	62
65	52	52	55	60	63	65	75	79	69	70	58	52	63
66	50	50	57	63	66	72	77	79	74	66	58	53	64
67	52	54	54	50	63	66	79	82	76	70	62	48	63
68	51	57	57	61	65	71	79	77	74	67	60	49	64
69	55	52	54	60	66	67	77	81	77	64	60	53	64
70	51	58	57	57	67	72	81	81	73	64	59	51	64
71	54	56	57	57	61	70	78	81	75	64	55	47	63
72	49	56	61	62	67	75	81	79	73	64	54	49	64
73	49	54	52	59	67	76	76	78	71	67	54	51	63
74	49	51	55	59	64	73	77	76	77	65	58	51	63
75	51	51	52	53	63	68	77	76	76	64	57	53	62

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722866

STATION NAME: NORTON AFB CA  
LST TO UTC: +08

PERIOD OF RECORD: 4305-9003

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	54	54	55	56	65	72	75	72	70	67	61	56	63
77	53	57	50	59	58	70	78	78	71	69	62	55	63
78	52	52	56	57	66	74	79	78	79	72	55	49	64
79	47	50	54	60	68	77	78	77	80	67	57	56	64
80	56	58	55	61	61	71	81	76	73	68	61	59	65
81	57	58	56	63	68	79	80	83	77	66	61	54	67
82	49	55	54	59	65	66	78	81	75	66	55	50	63
83	53	55	56	57	66	70	77	81	79	69	58	55	65
84	56	56	61	63	74	74	83	82	82	65	57	52	67
85	52	54	55	65	67	76	82	78	71	67	56	56	65
86	60	58	61	63	69	76	77	82	70	67	63	56	67
87	51	54	54	66	70	75	74	77	78	70	58	50	65
88	53	57	62	65	71	75	84	79	75	72	59	53	67
89	50	51	60	68	69	74	80	76	75	67	61	55	66
90	53	53	60										55*
.....													
MEAN	51.4	53.8	55.7	60.3	65.2	71.3	78.0	78.0	74.7	66.6	57.8	52.3	63.8
.....													
TOTAL OBS	1457	1328	1457	1380	1457	1410	1457	1457	1410	1457	1410	1457	17137
.....													

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	45.3	6.121	929	0	7	6	0	0	929
03-05	43.6	6.321	930	0	31	5	0	0	930
06-08	43.5	6.328	930	0	31	1	0	0	930
09-11	55.9	7.610	930	0	0	140	0	0	930
12-14	63.4	8.499	930	0	0	434	20	0	930
15-17	62.8	8.294	930	0	0	401	21	0	930
18-20	53.6	6.592	930	0	0	55	0	0	930
21-23	47.9	5.740	930	0	2	6	0	0	930
ALL HOURS	52.0	10.370	7439	0	71	1048	41	0	7439

MONTH: FEB

00-02	47.1	5.853	846	0	4	1	0	0	846
03-05	45.2	6.068	846	0	9	2	0	0	846
06-08	45.8	6.366	846	0	11	0	0	0	846
09-11	58.2	8.282	846	0	0	192	5	0	846
12-14	65.1	9.563	846	0	0	436	46	0	846
15-17	65.1	9.502	846	0	0	445	53	0	846
18-20	57.2	7.243	846	0	0	128	0	0	846
21-23	50.7	5.958	846	0	3	11	0	0	846
ALL HOURS	54.3	10.782	6768	0	27	1215	104	0	6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866      STATION NAME: NORTON AFB/SAN BERNARDINO CA      PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8      MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	50.5	5.142	930	0	0	0	0	0	930
03-05	48.4	5.662	930	0	0	0	0	0	930
06-08	50.2	6.225	930	0	0	11	0	0	930
09-11	61.0	7.858	930	0	0	274	21	1	930
12-14	67.1	9.439	930	0	0	508	103	6	930
15-17	67.3	9.458	928	0	0	532	103	5	928
18-20	60.3	7.320	927	0	0	251	12	0	927
21-23	54.0	5.151	926	0	0	19	0	0	926
ALL HOURS	57.3	10.096	7431	0	0	1595	239	12	7431

MONTH: APR

00-02	53.8	4.898	900	0	0	21	0	0	900
03-05	51.6	5.150	900	0	0	8	0	0	900
06-08	55.5	6.964	900	0	0	91	3	0	900
09-11	67.1	9.698	900	0	0	475	120	6	900
12-14	73.9	10.887	900	0	0	701	277	47	900
15-17	73.6	10.675	900	0	0	701	274	42	900
18-20	65.1	8.301	900	0	0	430	49	3	900
21-23	57.9	5.420	900	0	0	105	0	0	900
ALL HOURS	62.3	11.589	7200	0	0	2532	723	98	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	57.8	4.403	930	0	0	51	0	0	930
03-05	55.5	4.504	930	0	0	8	0	0	930
06-08	60.1	6.108	930	0	0	168	9	0	930
09-11	70.5	9.472	930	0	0	642	179	16	930
12-14	78.4	10.457	930	0	0	833	424	89	930
15-17	78.0	9.832	930	0	0	831	422	62	930
18-20	69.0	7.747	930	0	0	643	102	2	930
21-23	61.9	5.214	930	0	0	269	3	0	930
ALL HOURS	66.4	11.250	7440	0	0	3445	1139	169	7440

MONTH: JUN

00-02	62.1	4.723	900	0	0	241	2	0	900
03-05	59.4	4.516	900	0	0	86	0	0	900
06-08	64.7	6.459	900	0	0	396	32	0	900
09-11	76.4	10.022	900	0	0	779	345	57	900
12-14	85.5	10.083	900	0	0	888	635	238	900
15-17	85.6	8.824	900	0	0	890	670	199	900
18-20	75.5	7.889	900	0	0	827	282	17	900
21-23	67.1	5.813	900	0	0	563	22	0	900
ALL HOURS	72.0	12.241	7200	0	0	4670	1988	511	7200

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.4	5.036	930	0	0	646	11	0	930
03-05	63.9	5.298	930	0	0	407	3	0	930
06-08	69.8	6.799	930	0	0	701	85	0	930
09-11	84.1	8.055	930	0	0	928	669	131	930
12-14	93.6	6.941	930	0	0	930	896	557	930
15-17	92.9	6.245	930	0	0	930	907	505	930
18-20	82.2	6.211	930	0	0	930	626	44	930
21-23	73.2	5.001	930	0	0	895	95	0	930
ALL HOURS	78.4	12.414	7440	0	0	6367	3292	1237	7440

MONTH: AUG

00-02	67.6	5.073	930	0	0	651	5	0	930
03-05	64.5	5.338	930	0	0	472	0	0	930
06-08	68.9	7.001	930	0	0	662	76	0	930
09-11	83.1	8.488	930	0	0	918	614	125	930
12-14	92.8	7.739	930	0	0	930	872	521	930
15-17	92.0	6.779	930	0	0	930	892	459	930
18-20	81.0	6.660	930	0	0	927	562	33	930
21-23	72.7	5.417	930	0	0	864	102	0	930
ALL HOURS	77.8	12.297	7440	0	0	6354	3123	1138	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.6	5.620	900	0	0	437	5	0	900
03-05	62.2	5.837	900	0	0	302	2	0	900
06-08	66.0	7.865	900	0	0	469	56	1	900
09-11	79.7	10.813	900	0	0	841	451	119	900
12-14	87.8	11.104	900	0	0	882	673	339	900
15-17	86.4	10.092	900	0	0	885	670	265	900
18-20	76.0	8.171	900	0	0	838	314	24	900
21-23	68.7	6.222	900	0	0	635	47	0	900
ALL HOURS	73.9	12.627	7200	0	0	5289	2218	748	7200

MONTH: OCT

00-02	58.2	5.050	930	0	0	87	0	0	930
03-05	56.1	5.382	930	0	0	49	0	0	930
06-08	58.7	6.636	930	0	0	144	7	0	930
09-11	71.9	8.829	930	0	0	734	186	23	930
12-14	79.4	9.157	930	0	0	913	433	79	930
15-17	78.0	8.475	930	0	0	899	382	50	930
18-20	68.4	6.393	930	0	0	671	60	0	930
21-23	61.5	5.064	930	0	0	250	0	0	930
ALL HOURS	66.5	11.150	7440	0	0	3747	1068	152	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	50.5	6.223	900	0	0	9	0	0	900
03-05	48.8	6.463	900	0	0	8	0	0	900
06-08	50.2	7.183	900	0	0	22	0	0	900
09-11	63.2	8.453	900	0	0	362	33	0	900
12-14	69.9	9.281	900	0	0	629	155	3	900
15-17	68.3	8.752	900	0	0	589	94	2	900
18-20	58.7	6.706	900	0	0	162	2	0	900
21-23	53.0	5.810	900	0	0	16	0	0	900
ALL HOURS	57.8	10.875	7200	0	0	1797	284	5	7200

MONTH: DEC

00-02	45.5	5.530	930	0	5	0	0	0	930
03-05	43.9	5.751	930	0	25	0	0	0	930
06-08	44.3	5.978	930	0	27	1	0	0	930
09-11	57.5	7.780	930	0	0	184	1	0	930
12-14	64.5	8.896	930	0	0	452	37	0	930
15-17	62.8	8.534	930	0	0	388	24	0	930
18-20	53.0	5.892	930	0	0	28	0	0	930
21-23	48.0	5.298	930	0	0	0	0	0	930
ALL HOURS	52.4	10.403	7440	0	57	1053	62	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.9	9.557	10955	0	16	2150	23	0	10955
03-05	53.6	9.287	10956	0	65	1347	5	0	10956
06-08	56.5	11.396	10956	0	69	2666	268	1	10956
09-11	69.1	13.130	10956	0	0	6469	2624	478	10956
12-14	76.8	14.225	10956	0	0	8536	4571	1879	10956
15-17	76.1	13.871	10954	0	0	8421	4512	1589	10954
18-20	66.7	12.224	10953	0	0	5890	2009	123	10953
21-23	59.8	10.422	10952	0	5	3633	269	0	10952
ALL HOURS	64.3	14.679	87638	0	155	39112	14281	4070	87638

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	39.9	5.535	929	84	29	0	0	0	929
03-05	38.5	5.881	930	141	35	0	0	0	930
06-08	38.4	5.848	930	143	38	0	0	0	930
09-11	46.1	4.775	930	6	219	0	0	0	930
12-14	49.1	4.684	930	0	428	0	0	0	930
15-17	48.9	4.719	930	1	416	0	0	0	930
18-20	44.8	4.897	929	8	148	0	0	0	929
21-23	41.7	5.157	930	36	41	0	0	0	930
ALL HOURS	43.4	6.688	7438	419	1354	0	0	0	7438

MONTH: FEB

00-02	42.0	5.780	846	33	90	0	0	0	846
03-05	40.5	6.007	846	59	70	0	0	0	846
06-08	40.9	6.071	846	58	70	0	0	0	846
09-11	48.1	5.349	846	7	365	0	0	0	846
12-14	50.9	5.354	846	1	525	0	0	0	846
15-17	51.0	5.702	846	2	526	0	0	0	846
18-20	48.0	5.715	846	7	356	0	0	0	846
21-23	44.6	5.686	846	16	188	0	0	0	846
ALL HOURS	45.8	7.008	6768	183	2190	0	0	0	6768



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	46.1	5.138	930	1	250	0	0	0	930
03-05	44.3	5.645	930	9	183	0	0	0	930
06-08	45.5	5.395	930	13	232	0	0	0	930
09-11	51.4	4.172	930	0	635	0	0	0	930
12-14	53.7	4.477	930	0	770	0	0	0	930
15-17	54.1	4.674	928	0	770	0	0	0	928
18-20	51.5	4.812	927	0	612	0	0	0	927
21-23	48.4	4.698	926	0	404	0	0	0	926
ALL HOURS	49.4	6.064	7431	23	3856	0	0	0	7431

MONTH: APR

00-02	49.0	4.647	900	0	436	0	0	0	900
03-05	47.3	4.953	900	0	303	0	0	0	900
06-08	49.6	4.867	900	0	484	0	0	0	900
09-11	55.0	4.534	900	0	797	1	0	0	900
12-14	57.4	4.940	900	0	837	14	0	0	900
15-17	57.6	5.047	900	0	833	16	0	0	900
18-20	54.5	4.751	900	0	763	1	0	0	900
21-23	51.4	4.397	900	0	610	0	0	0	900
ALL HOURS	52.7	6.002	7200	0	5063	32	0	0	7200

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.1	4.142	930	0	743	0	0	0	930
03-05	51.6	4.608	930	0	622	0	0	0	930
06-08	54.3	4.221	930	0	797	0	0	0	930
09-11	59.0	4.955	930	0	903	67	2	0	930
12-14	61.5	5.128	930	0	919	184	3	0	930
15-17	61.6	4.950	930	0	920	177	1	0	930
18-20	58.5	4.592	930	0	893	28	0	0	930
21-23	55.4	3.995	930	0	844	0	0	0	930
ALL HOURS	56.9	5.799	7440	0	641	456	6	0	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	57.1	3.841	900	0	865	1	0	0	900
03-05	55.3	4.182	900	0	817	0	0	0	900
06-08	58.1	3.904	900	0	883	17	0	0	900
09-11	63.1	4.474	900	0	900	219	7	0	900
12-14	65.9	4.363	900	0	900	418	42	0	900
15-17	66.2	3.751	900	0	900	445	21	0	900
18-20	63.0	3.861	900	0	900	174	2	0	900
21-23	59.6	3.547	900	0	894	18	0	0	900
ALL HOURS	61.0	5.533	7200	0	7059	1292	72	0	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	61.0	3.875	930	0	928	68	5	0	930
03-05	58.8	4.523	930	0	919	33	2	0	930
06-08	61.8	4.255	930	0	929	136	4	0	930
09-11	67.2	3.717	930	0	930	521	75	0	930
12-14	69.6	3.870	930	0	930	711	223	0	930
15-17	69.7	3.366	930	0	930	771	193	0	930
18-20	66.6	3.246	930	0	930	465	40	0	930
21-23	63.5	3.245	930	0	930	175	6	0	930
ALL HOURS	64.8	5.414	7440	0	7426	2880	548	0	7440

MONTH: AUG

00-02	61.3	4.278	930	0	929	108	0	0	930
03-05	59.4	4.853	930	0	912	67	0	0	930
06-08	61.5	4.983	929	0	918	152	5	0	929
09-11	67.4	4.097	930	0	930	546	96	0	930
12-14	69.9	4.045	930	0	930	715	291	1	930
15-17	69.7	3.644	930	0	930	708	232	0	930
18-20	66.3	3.762	930	0	930	481	43	0	930
21-23	63.5	3.847	930	0	930	209	5	0	930
ALL HOURS	64.9	5.605	7439	0	7409	2986	672	1	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	58.5	4.656	900	0	876	38	2	0	900
03-05	56.6	5.278	900	0	818	30	5	0	900
06-08	58.5	5.436	900	0	851	75	5	0	900
09-11	64.5	4.822	900	0	900	304	59	0	900
12-14	66.8	4.550	900	0	900	481	109	0	900
15-17	66.4	4.520	900	0	900	444	81	0	900
18-20	63.5	4.390	900	0	900	240	12	0	900
21-23	60.7	4.491	900	0	896	110	2	0	900
ALL HOURS	61.9	6.016	7200	0	7041	1722	275	0	7200

MONTH: OCT

00-02	52.6	5.487	930	0	673	0	0	0	930
03-05	51.0	5.830	930	0	572	0	0	0	930
06-08	52.3	5.567	930	0	656	0	0	0	930
09-11	58.7	4.119	930	0	907	12	0	0	930
12-14	61.1	4.345	930	0	928	89	0	0	930
15-17	60.7	4.503	930	0	921	70	0	0	930
18-20	57.9	4.933	930	0	860	15	0	0	930
21-23	54.7	5.239	930	0	768	0	0	0	930
ALL HOURS	56.1	6.232	7440	0	6285	186	0	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.5	6.401	900	10	218	0	0	0	900
03-05	43.2	6.828	900	24	186	0	0	0	900
06-08	44.0	6.746	900	24	211	0	0	0	900
09-11	51.3	4.858	900	0	567	0	0	0	900
12-14	53.9	4.601	900	0	716	2	0	0	900
15-17	53.4	4.901	900	0	692	2	0	0	900
18-20	49.4	5.654	900	0	435	0	0	0	900
21-23	46.2	5.970	900	0	292	0	0	0	900
ALL HOURS	48.2	7.031	7200	58	3317	4	0	0	7200

MONTH: DEC

00-02	40.1	5.636	930	78	54	0	0	0	930
03-05	38.8	5.818	930	122	37	0	0	0	930
06-08	39.0	5.776	930	116	35	0	0	0	930
09-11	47.0	4.899	930	2	327	0	0	0	930
12-14	50.0	4.815	930	0	581	0	0	0	930
15-17	49.4	4.939	930	0	524	0	0	0	930
18-20	44.9	4.995	930	10	182	0	0	0	930
21-23	41.9	5.440	930	47	87	0	0	0	930
ALL HOURS	43.9	6.835	7440	375	1827	0	0	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866      STATION NAME: NORTON AFB/SAN BERNARDINO CA      PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8      MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	50.5	9.150	10955	206	6091	215	7	0	10955
03-05	48.8	9.180	10956	355	5474	130	7	0	10956
06-08	50.4	9.879	10955	354	6104	380	14	0	10955
09-11	56.6	8.831	10956	15	8380	1670	239	0	10956
12-14	59.2	8.727	10956	1	9364	2614	668	1	10956
15-17	59.1	8.759	10954	3	9262	2633	528	0	10954
18-20	55.8	9.046	10952	25	7909	1404	97	0	10952
21-23	52.7	9.122	10952	99	6884	512	13	0	10952
ALL HOURS	54.1	9.864	87636	1058	59468	9558	1573	1	87636

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	32.3	9.095	929	282	324	926	0	929
03-05	31.3	9.083	930	319	277	927	0	930
06-08	31.1	9.130	930	333	269	928	0	930
09-11	34.6	8.979	930	179	427	930	0	930
12-14	33.2	9.928	930	296	398	929	0	930
15-17	33.2	10.194	930	284	418	930	0	930
18-20	34.0	9.918	929	226	433	929	0	929
21-23	33.5	8.995	930	217	361	924	0	930
ALL HOURS	32.9	9.527	7438	2136	2907	7423	0	7438

MONTH: FEB

00-02	35.5	8.803	846	135	395	844	0	846
03-05	34.2	8.735	846	178	329	844	0	846
06-08	34.6	8.632	846	164	350	843	0	846
09-11	37.1	9.146	846	122	470	845	0	846
12-14	35.9	10.060	846	159	410	844	0	846
15-17	36.2	10.493	846	168	423	843	0	846
18-20	37.7	10.495	846	136	514	843	0	846
21-23	37.4	9.162	846	116	499	846	0	846
ALL HOURS	36.1	9.561	6768	1178	3390	6752	0	6768

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	41.2	7.774	930	53	696	925	0	930
03-05	39.6	8.023	930	75	631	922	0	930
06-08	40.3	7.793	930	60	660	923	0	930
09-11	41.9	8.498	930	63	735	922	0	930
12-14	41.1	9.314	930	102	683	910	0	930
15-17	41.9	9.369	928	96	702	906	0	928
18-20	42.8	9.200	927	80	733	920	0	927
21-23	42.6	7.857	926	42	737	920	0	926
ALL HOURS	41.4	8.597	7431	571	5577	7348	0	7431

MONTH: APR

00-02	44.1	7.283	900	32	799	882	0	900
03-05	42.7	7.430	900	41	762	883	0	900
06-08	43.9	7.261	900	33	784	875	0	900
09-11	44.4	8.183	900	45	759	845	0	900
12-14	43.5	8.495	900	36	721	836	0	900
15-17	44.3	8.500	900	40	743	849	0	900
18-20	45.0	8.594	900	47	772	849	0	900
21-23	45.2	7.475	900	29	808	868	0	900
ALL HOURS	44.1	7.989	7200	303	6148	6887	0	7200

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	49.1	5.582	930	3	905	804	0	930
03-05	47.9	6.031	930	3	892	838	0	930
06-08	49.5	5.718	930	3	915	793	0	930
09-11	50.3	6.932	930	8	898	711	2	930
12-14	49.4	7.538	930	7	869	733	3	930
15-17	50.0	6.850	930	3	887	732	5	930
18-20	50.5	6.108	930	5	906	727	0	930
21-23	50.2	5.358	930	1	919	753	0	930
ALL HOURS	49.6	6.098	7440	33	7191	6091	10	7440

MONTH: JUN

00-02	53.5	4.968	900	4	892	572	2	900
03-05	52.0	5.397	900	4	888	638	0	900
06-08	53.3	5.004	900	0	893	573	0	900
09-11	54.4	6.246	900	0	883	436	12	900
12-14	53.5	7.119	900	0	868	474	6	900
15-17	54.1	5.928	900	0	889	487	0	900
18-20	54.7	5.227	900	1	890	469	0	900
21-23	54.4	4.781	900	3	891	490	3	900
ALL HOURS	53.7	5.714	7200	12	7094	4139	23	7200

E - 5 - 3 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	56.7	4.512	930	0	930	379	28	930
03-05	55.2	5.343	930	0	930	479	22	930
06-08	56.5	5.242	930	0	928	381	32	930
09-11	57.1	6.616	930	0	926	322	87	930
12-14	55.4	7.629	930	0	927	421	98	930
15-17	56.3	6.466	930	0	928	391	73	930
18-20	57.2	5.507	930	0	928	311	52	930
21-23	57.4	4.631	930	0	930	296	34	930
ALL HOURS	56.5	5.929	7440	0	7427	2980	426	7440

MONTH: AUG

00-02	57.2	5.333	930	0	930	321	61	930
03-05	55.7	5.924	930	0	927	449	56	930
06-08	56.7	5.935	929	0	927	379	74	930
09-11	58.2	6.452	930	1	926	295	135	930
12-14	56.8	7.502	930	0	927	380	146	930
15-17	56.9	6.808	930	0	925	370	119	930
18-20	57.4	6.354	930	0	926	303	101	930
21-23	57.7	5.431	930	0	926	284	67	930
ALL HOURS	57.1	6.326	7439	1	7414	2781	759	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	54.0	5.970	900	0	891	539	27	900
03-05	52.3	6.797	900	2	875	623	24	900
06-08	53.0	6.717	900	1	882	586	32	900
09-11	54.8	6.769	900	0	880	472	51	900
12-14	53.7	7.349	900	0	867	519	42	900
15-17	53.8	7.041	900	0	870	538	41	900
18-20	55.3	6.419	900	2	881	427	56	900
21-23	55.2	5.767	900	0	889	457	45	900
ALL HOURS	54.0	6.736	7200	5	7035	4161	318	7200

MONTH: OCT

00-02	47.3	8.988	930	38	788	786	0	930
03-05	45.9	9.160	930	48	776	796	0	930
06-08	46.3	8.694	930	34	797	813	0	930
09-11	48.1	9.300	930	34	808	727	2	930
12-14	46.7	10.244	930	56	745	724	1	930
15-17	47.2	10.475	930	58	752	732	0	930
18-20	49.0	10.394	930	52	807	650	0	930
21-23	48.6	9.354	930	32	814	717	0	930
ALL HOURS	47.4	9.679	7440	352	6287	5945	3	7440

E - 5 - 3 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	37.1	10.705	900	181	466	876	0	900
03-05	36.1	10.760	900	210	440	878	0	900
06-08	36.3	10.569	900	198	425	881	0	900
09-11	38.9	10.381	900	142	542	870	0	900
12-14	38.0	11.045	900	185	498	866	0	900
15-17	38.3	11.598	900	193	522	865	0	900
18-20	39.2	11.428	900	167	571	865	0	900
21-23	38.2	10.764	900	157	517	875	0	900
ALL HOURS	37.8	10.981	7200	1433	3981	6976	0	7200

MONTH: DEC

00-02	32.5	9.558	930	299	337	930	0	930
03-05	31.4	9.566	930	324	285	930	0	930
06-08	31.4	9.421	930	319	299	930	0	930
09-11	34.9	10.024	930	205	441	929	0	930
12-14	34.0	10.698	930	259	423	927	0	930
15-17	34.3	10.751	930	251	449	930	0	930
18-20	34.9	10.201	930	215	446	930	0	930
21-23	33.8	9.665	930	251	398	930	0	930
ALL HOURS	33.4	10.112	7440	2123	3078	7436	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.1	11.736	10955	1027	8353	8784	118	10955
03-05	43.8	11.777	10956	1204	8012	9207	102	10956
06-08	44.4	11.983	10955	1145	8129	8905	138	10955
09-11	46.3	11.775	10956	799	8695	8304	289	10956
12-14	45.1	12.276	10956	1100	8336	8563	296	10956
15-17	45.6	12.239	10954	1093	8508	8573	238	10954
18-20	46.5	12.004	10952	931	8807	8223	209	10952
21-23	46.2	11.621	10952	848	8689	8360	149	10952
ALL HOURS	45.4	11.962	87636	8147	67529	68919	1539	87636

E - 5 - 3 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	97.1	94.7	88.5	79.3	57.7	39.3	16.7	4.3	62.2	929
03-05	99.8	97.6	95.9	89.8	81.5	62.2	39.2	20.1	5.3	63.6	930
06-08	99.8	97.6	95.2	89.9	80.2	60.3	39.0	19.4	4.5	63.2	930
09-11	99.9	94.0	78.6	62.2	45.3	32.5	19.0	8.1	2.2	48.7	930
12-14	100.0	76.5	53.3	38.2	27.2	15.1	7.8	2.9	.4	36.6	930
15-17	99.8	78.0	55.8	39.8	28.3	15.9	7.3	3.7	.4	37.3	930
18-20	100.0	92.1	82.6	70.8	55.0	38.0	18.9	7.6	1.2	51.1	929
21-23	100.0	97.6	93.5	85.2	73.8	52.8	32.8	12.8	2.6	59.6	930
ALL HOURS	99.9	91.3	81.2	70.5	58.8	41.8	25.4	11.4	2.6	52.8	7438

MONTH: FEB

00-02	100.0	98.8	96.8	93.3	85.2	70.8	43.3	19.1	3.7	65.7	846
03-05	100.0	98.9	97.3	93.9	86.4	72.6	47.9	19.4	5.1	66.6	846
06-08	100.0	99.3	97.5	93.7	85.9	70.9	43.7	19.5	5.7	66.1	846
09-11	100.0	94.7	79.7	61.6	48.3	34.5	20.8	10.8	2.1	49.6	846
12-14	100.0	81.0	53.1	40.2	30.4	21.3	10.3	4.3	.7	38.6	846
15-17	99.9	80.7	56.1	42.2	32.2	19.4	8.3	3.7	1.1	38.8	846
18-20	100.0	93.3	83.8	72.9	56.3	38.8	19.9	6.5	1.4	51.9	846
21-23	100.0	97.6	94.7	88.8	80.7	64.2	35.0	15.1	2.7	62.5	846
ALL HOURS	100.0	93.0	82.4	73.3	63.2	49.1	28.6	12.3	2.8	55.0	6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.4	98.8	95.1	88.9	80.6	64.5	39.5	7.3	72.0	930
03-05	100.0	99.6	98.6	96.7	90.4	82.5	66.6	42.5	8.0	73.2	930
06-08	100.0	99.4	97.6	93.7	87.2	77.5	61.9	36.5	9.7	71.0	930
09-11	100.0	93.2	84.2	72.5	61.9	47.7	25.2	9.5	1.6	54.1	930
12-14	100.0	84.7	69.4	57.2	44.9	25.2	11.7	4.1	1.2	44.2	930
15-17	100.0	86.0	73.5	60.2	44.7	23.9	11.6	5.4	.9	44.8	928
18-20	100.0	93.6	87.5	79.4	68.6	51.7	27.6	11.1	2.3	56.8	927
21-23	100.0	98.8	97.5	91.8	84.0	72.6	55.5	26.6	4.4	67.7	926
ALL HOURS	100.0	94.3	88.4	80.8	71.3	57.7	40.6	21.9	4.4	60.5	7431

MONTH: APR

00-02	100.0	99.6	97.8	93.8	90.3	83.1	63.4	34.8	7.1	71.3	900
03-05	100.0	99.3	98.2	95.3	91.3	84.7	70.8	39.8	11.3	73.6	900
06-08	100.0	98.8	95.8	89.2	83.2	73.2	57.8	28.2	8.8	68.0	900
09-11	100.0	90.0	76.1	66.0	55.0	38.3	16.8	5.2	1.6	49.3	900
12-14	100.0	79.4	62.8	49.6	30.4	11.7	3.8	1.2	.4	38.3	900
15-17	100.0	82.7	68.2	52.2	28.6	13.2	3.8	1.9	.7	39.5	900
18-20	100.0	93.0	85.6	74.0	62.7	41.6	17.2	4.7	1.0	52.3	900
21-23	100.0	98.3	95.6	91.9	84.0	71.2	44.4	18.3	2.4	65.1	900
ALL HOURS	100.0	92.6	85.0	76.5	65.7	52.1	34.8	16.8	4.2	57.2	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	99.1	95.9	89.4	67.3	35.7	4.8	73.7	930
03-05	100.0	100.0	100.0	99.4	96.9	92.9	75.4	45.8	8.3	76.3	930
06-08	100.0	99.7	98.4	94.6	88.9	79.2	58.1	31.0	5.2	69.9	930
09-11	100.0	95.1	87.5	76.5	60.4	35.3	16.7	5.5	.8	52.4	930
12-14	100.0	89.1	72.7	51.8	24.8	8.4	2.0	.6	.2	39.5	930
15-17	100.0	92.7	77.8	51.0	24.7	7.5	3.2	.9		40.2	930
18-20	100.0	98.8	93.5	83.8	66.5	38.0	11.3	3.3	.8	53.9	930
21-23	100.0	100.0	99.5	97.0	90.0	74.1	44.1	14.0	2.2	66.7	930
ALL HOURS	100.0	96.9	91.1	81.6	68.5	53.1	34.8	17.1	2.8	59.1	7440

MONTH: JUN

00-02	100.0	99.7	99.3	98.9	97.6	90.4	74.1	36.4	4.7	74.4	900
03-05	100.0	99.7	99.3	98.8	98.1	94.0	83.6	51.9	9.1	77.7	900
06-08	100.0	99.8	98.2	95.4	87.3	75.8	58.2	25.9	4.0	68.8	900
09-11	100.0	95.4	85.7	70.4	54.6	35.9	15.3	2.3	.2	50.4	900
12-14	100.0	87.1	64.7	39.7	20.4	7.2	2.2	.1		36.7	900
15-17	100.0	91.9	69.2	39.3	15.4	4.4	.9	.2		36.4	900
18-20	100.0	98.1	93.0	77.6	55.2	29.7	9.3	1.3		50.8	900
21-23	100.0	99.6	98.9	96.1	88.7	71.3	43.9	11.4	.6	65.2	900
ALL HOURS	100.0	96.4	88.5	77.0	64.7	51.1	35.9	16.2	2.3	57.5	7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.1	95.6	81.9	54.2	18.8	2.4	69.4	930
03-05	100.0	100.0	100.0	99.7	97.7	89.6	70.4	31.6	6.6	74.0	930
06-08	100.0	99.9	99.0	93.3	82.9	65.9	44.6	15.2	2.9	64.7	930
09-11	100.0	93.9	79.7	56.1	33.5	16.2	3.2	.3		42.8	930
12-14	100.0	81.3	47.6	18.3	4.3	1.3	.1			29.8	930
15-17	100.0	88.6	53.5	16.0	4.4	1.6	.4			30.9	930
18-20	100.0	98.7	88.7	65.6	31.7	11.4	2.7	.2		44.3	930
21-23	100.0	100.0	99.4	94.0	79.2	50.1	19.6	3.2	.1	59.0	930
ALL HOURS	100.0	95.3	83.5	67.8	53.7	39.8	24.4	8.7	1.5	51.9	7440

MONTH: AUG

00-02	100.0	100.0	100.0	99.1	94.3	82.2	55.4	21.6	5.3	70.2	930
03-05	100.0	100.0	100.0	99.8	96.3	89.8	69.9	34.2	7.5	74.0	930
06-08	100.0	100.0	99.5	95.4	87.1	70.9	46.8	19.5	4.4	66.8	929
09-11	100.0	96.0	83.1	64.4	40.5	20.1	8.0	1.9	.3	45.9	930
12-14	100.0	84.2	54.2	23.4	9.9	2.7	1.2	.3		32.2	930
15-17	100.0	91.0	56.0	21.7	7.5	2.9	1.4	.8		32.6	930
18-20	100.0	98.8	88.9	68.2	42.6	19.2	5.2	1.9	.1	46.8	930
21-23	100.0	99.7	98.8	93.9	80.6	58.4	26.9	6.2	1.6	60.9	930
ALL HOURS	100.0	96.2	85.1	70.7	57.4	43.3	26.8	10.8	2.4	53.7	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.6	97.9	92.8	78.3	57.7	26.3	2.8	69.7	900
03-05	100.0	100.0	99.3	98.7	93.3	81.3	62.3	31.9	5.2	71.4	900
06-08	100.0	99.9	98.1	92.7	81.6	65.8	44.4	20.3	4.6	65.1	900
09-11	99.9	93.9	79.4	60.6	45.8	26.8	11.2	2.7	.4	46.5	900
12-14	99.7	83.1	55.9	37.8	18.2	6.1	3.4	1.0	.3	35.0	900
15-17	99.7	87.6	62.4	38.1	16.0	6.1	3.4	1.1	.2	36.0	900
18-20	100.0	98.0	91.1	77.0	57.0	32.2	11.1	2.3	.6	51.5	900
21-23	100.0	99.8	99.2	94.6	84.9	65.1	39.2	10.1	1.7	63.7	900
ALL HOURS	99.9	95.3	85.6	74.7	61.2	45.2	29.1	12.0	2.0	54.9	7200

MONTH: OCT

00-02	100.0	99.0	96.9	91.9	84.1	75.6	61.0	31.7	9.6	69.5	930
03-05	100.0	98.9	97.5	93.2	85.1	78.5	62.0	34.4	11.1	70.8	930
06-08	100.0	99.4	95.4	87.3	79.7	70.1	50.8	27.2	9.4	66.4	930
09-11	99.7	89.2	73.3	62.4	51.2	35.8	18.2	6.8	2.6	48.4	930
12-14	99.7	75.3	57.5	44.4	29.0	12.0	4.8	.9	.2	36.5	930
15-17	99.7	80.0	63.5	49.0	29.1	13.7	5.1	1.1	.2	38.3	930
18-20	99.7	93.8	84.7	75.5	64.6	48.0	24.6	8.6	.9	54.3	930
21-23	100.0	98.4	95.1	88.1	80.3	70.3	50.1	23.0	4.7	65.3	930
ALL HOURS	99.8	91.7	83.0	74.0	62.9	50.5	34.6	16.7	4.8	56.2	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	98.0	93.3	83.7	73.1	60.2	43.7	24.9	4.4	62.7	900
03-05	100.0	99.2	94.0	85.3	74.4	60.8	46.7	25.4	6.1	63.9	900
06-08	100.0	99.3	91.8	81.6	69.6	57.2	42.2	25.7	6.2	61.9	900
09-11	100.0	86.4	68.8	56.0	45.6	35.0	19.6	7.2	2.1	46.5	900
12-14	99.3	71.2	52.0	42.7	30.6	17.3	8.8	3.6	.7	36.8	900
15-17	98.3	74.9	58.8	46.8	33.7	19.3	9.3	4.2	.9	38.9	900
18-20	99.8	91.9	81.3	69.0	58.1	45.3	27.1	11.1	1.4	53.0	900
21-23	99.9	97.2	91.3	81.4	70.1	56.6	39.3	21.9	3.4	60.6	900
ALL HOURS	99.7	89.8	78.9	68.3	56.9	44.0	29.6	15.5	3.2	53.0	7200

MONTH: DEC

00-02	100.0	99.2	95.4	84.5	72.4	62.5	42.3	19.1	5.1	62.4	930
03-05	100.0	98.9	95.1	84.7	74.2	63.7	44.3	19.6	4.8	63.0	930
06-08	100.0	98.5	94.2	84.9	73.7	63.9	41.3	19.2	4.3	62.5	930
09-11	99.6	90.1	73.3	58.6	44.9	33.1	18.1	7.8	1.8	47.3	930
12-14	98.5	75.1	53.3	39.6	28.8	17.8	7.1	3.1	.8	36.9	930
15-17	99.6	79.1	60.4	43.9	31.0	18.8	9.4	4.7	1.4	39.2	930
18-20	99.9	95.7	83.5	71.5	59.1	43.9	24.9	11.0	2.6	53.7	930
21-23	100.0	98.9	92.9	80.6	69.9	56.9	35.7	17.7	4.4	60.2	930
ALL HOURS	99.7	91.9	81.0	68.5	56.7	45.1	27.9	12.8	3.1	53.2	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.2	97.7	93.7	87.5	76.1	55.6	27.1	5.1	68.6	10955
03-05	100.0	99.4	97.9	94.6	88.8	79.4	61.6	33.1	7.4	70.7	10956
06-08	100.0	99.3	96.7	91.0	82.3	69.2	49.1	24.0	5.8	66.2	10955
09-11	99.9	92.7	79.1	64.0	48.9	32.6	16.0	5.6	1.3	48.5	10956
12-14	99.8	80.7	58.1	40.2	24.9	12.1	5.2	1.8	.4	36.7	10956
15-17	99.7	84.5	63.0	41.7	24.6	12.2	5.3	2.3	.5	37.7	10954
18-20	99.9	95.5	87.0	73.8	56.4	36.4	16.6	5.8	1.0	51.7	10952
21-23	100.0	98.8	96.4	90.3	80.5	63.6	38.9	15.0	2.6	63.0	10952
ALL HOURS	99.9	93.8	84.5	73.6	61.7	47.7	31.0	14.3	3.0	55.4	87636

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1019.2	1018.2	1016.4	1014.9	1013.3	1012.5	1012.9	1012.7	1012.5	1015.2	1017.1	1018.5	1015.3
	SD	3.993	3.785	3.925	3.011	2.372	2.068	2.129	2.213	2.411	2.714	3.504	4.007	3.943
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	1018.9	1017.5	1015.8	1014.5	1013.0	1012.3	1012.8	1012.5	1012.2	1014.8	1016.9	1018.3	1014.9
	SD	4.027	3.860	3.911	2.999	2.418	2.069	2.152	2.220	2.425	2.790	3.545	3.942	3.914
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	1019.8	1018.5	1016.8	1015.6	1014.0	1013.3	1013.8	1013.5	1013.4	1015.9	1017.9	1019.3	1016.0
	SD	4.153	3.944	3.945	3.045	2.422	2.050	2.137	2.217	2.467	2.836	3.684	3.960	3.929
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	1020.5	1019.1	1017.1	1015.7	1013.9	1013.1	1013.5	1013.3	1013.3	1016.0	1018.2	1019.9	1016.1
	SD	4.062	3.880	3.874	2.989	2.421	2.122	2.176	2.313	2.436	2.833	3.632	3.847	4.111
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	1017.9	1016.9	1015.4	1014.1	1012.5	1011.8	1011.9	1011.6	1011.4	1013.7	1015.9	1017.4	1014.2
	SD	3.899	3.794	3.787	2.982	2.469	2.152	2.128	2.347	2.443	2.800	3.504	3.752	3.847
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	1017.4	1016.0	1014.3	1012.9	1011.4	1010.7	1010.7	1010.2	1010.3	1013.0	1015.4	1017.1	1013.3
	SD	3.919	3.761	3.697	2.992	2.384	2.094	2.142	2.301	2.383	2.802	3.402	3.726	3.987
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1900	MEAN	1018.8	1017.4	1015.5	1014.0	1012.4	1011.6	1011.7	1011.4	1011.6	1014.6	1016.9	1018.4	1014.5
	SD	4.084	3.800	3.769	2.845	2.269	1.992	2.148	2.228	2.351	2.784	3.486	3.905	4.089
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
2200	MEAN	1019.5	1018.3	1016.6	1015.3	1013.7	1013.0	1013.2	1012.9	1012.7	1015.5	1017.5	1019.1	1015.6
	SD	4.086	3.801	3.888	2.879	2.280	1.994	2.127	2.262	2.361	2.761	3.510	3.920	3.930
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	1019.0	1017.7	1016.0	1014.6	1013.0	1012.3	1012.6	1012.3	1012.2	1014.8	1017.0	1018.5	1015.0
	SD	4.138	3.932	3.949	3.099	2.523	2.231	2.351	2.488	2.599	2.957	3.647	3.985	4.071
	TOT OBS	2480	2256	2477	2400	2480	2400	2480	2480	2400	2480	2400	2480	29213

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA PERIOD OF RECORD: APR 80 - MAR 90  
LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.11	30.08	30.03	30.00	29.95	29.94	29.95	29.95	29.94	30.01	30.06	30.09	30.01
	SD	.117	.112	.117	.087	.067	.059	.062	.064	.069	.080	.102	.118	.110
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	30.10	30.06	30.01	29.98	29.94	29.93	29.95	29.94	29.93	30.00	30.05	30.08	30.00
	SD	.117	.114	.116	.087	.069	.059	.062	.064	.069	.082	.103	.116	.109
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	30.12	30.08	30.04	30.01	29.97	29.96	29.98	29.97	29.96	30.02	30.07	30.10	30.02
	SD	.120	.115	.117	.089	.069	.059	.062	.064	.071	.083	.106	.115	.108
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	30.15	30.10	30.05	30.02	29.97	29.95	29.97	29.96	29.96	30.03	30.09	30.13	30.03
	SD	.119	.115	.115	.088	.069	.060	.063	.066	.070	.083	.106	.113	.114
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	30.07	30.05	30.00	29.97	29.93	29.92	29.93	29.91	29.91	29.97	30.02	30.06	29.98
	SD	.115	.113	.112	.087	.070	.061	.061	.067	.069	.083	.103	.111	.107
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	30.06	30.02	29.97	29.93	29.89	29.88	29.89	29.87	29.87	29.94	30.00	30.05	29.95
	SD	.115	.111	.110	.087	.067	.059	.062	.066	.068	.082	.100	.110	.111
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1900	MEAN	30.09	30.05	30.00	29.96	29.92	29.91	29.91	29.91	29.91	29.99	30.04	30.08	29.98
	SD	.117	.112	.111	.083	.065	.057	.062	.064	.067	.082	.102	.114	.112
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
2200	MEAN	30.12	30.08	30.04	30.01	29.96	29.95	29.96	29.95	29.94	30.02	30.07	30.10	30.02
	SD	.119	.112	.115	.084	.065	.057	.062	.065	.068	.081	.103	.115	.109
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	30.10	30.07	30.02	29.99	29.94	29.93	29.94	29.93	29.93	30.00	30.05	30.09	30.00
	SD	.120	.116	.117	.090	.072	.064	.068	.072	.074	.087	.106	.117	.113
	TOT OBS	2480	2256	2477	2400	2480	2400	2480	2480	2400	2480	2400	2480	29213



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	28.87	28.84	28.80	28.76	28.72	28.70	28.72	28.71	28.70	28.77	28.82	28.85	28.77
	SD	.113	.109	.114	.085	.065	.057	.060	.061	.066	.078	.099	.114	.106
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	28.86	28.82	28.78	28.74	28.71	28.69	28.71	28.70	28.69	28.76	28.81	28.84	28.76
	SD	.113	.110	.113	.085	.066	.056	.060	.061	.066	.080	.101	.112	.106
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	28.88	28.84	28.80	28.77	28.73	28.72	28.74	28.73	28.72	28.78	28.83	28.86	28.78
	SD	.116	.112	.113	.086	.067	.056	.060	.061	.068	.081	.104	.111	.105
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1000	MEAN	28.90	28.86	28.81	28.78	28.73	28.71	28.73	28.73	28.72	28.79	28.85	28.89	28.79
	SD	.114	.111	.111	.086	.067	.058	.061	.064	.067	.082	.103	.109	.111
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	28.83	28.81	28.76	28.74	28.69	28.68	28.69	28.68	28.67	28.73	28.78	28.82	28.74
	SD	.111	.110	.109	.084	.067	.058	.058	.064	.066	.080	.101	.108	.104
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	28.82	28.78	28.73	28.70	28.66	28.65	28.65	28.64	28.64	28.71	28.77	28.81	28.71
	SD	.112	.108	.106	.083	.064	.056	.059	.063	.065	.079	.098	.107	.107
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1900	MEAN	28.85	28.81	28.76	28.73	28.69	28.67	28.68	28.67	28.67	28.75	28.80	28.84	28.74
	SD	.113	.109	.108	.080	.062	.054	.059	.060	.064	.079	.099	.110	.109
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
2200	MEAN	28.87	28.84	28.80	28.77	28.73	28.71	28.72	28.71	28.71	28.78	28.83	28.86	28.78
	SD	.115	.109	.112	.082	.063	.055	.060	.062	.065	.079	.100	.111	.106
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	28.86	28.83	28.78	28.75	28.71	28.69	28.71	28.70	28.69	28.76	28.81	28.85	28.76
	SD	.116	.113	.114	.088	.069	.061	.065	.068	.071	.084	.103	.113	.110
	TOT OBS	2480	2256	2477	2400	2480	2400	2480	2480	2400	2480	2400	2480	29213



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRR	TTTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

G - 1 - 1

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.4	1.9		930	3.2	1.8	.2	930	3.2	1.5		930	4.2	2.3	.3	930
CATEGORY B	3.9	2.4	1.2	981	3.6	2.9	1.3	989	3.4	3.2	1.4	993	5.6	4.3	1.5	987

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.0	3.2	.1	930	9.0	3.4	.2	930	4.1	1.3		930	2.6	.9		930
CATEGORY B	8.1	6.4	1.8	978	10.4	6.4	2.0	972	5.1	3.2	.5	977	3.7	2.5	.6	982

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.3	2.3	.1	4650	4.5	2.0	.1	7440
CATEGORY B	6.5	4.7	1.4	4907	5.5	3.9	1.3	7859

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.9		846	1.3	.6		846	1.8	.8		846	4.5	2.0	.1	846
CATEGORY B	2.2	1.4	.6	899	1.6	1.0	.3	889	2.1	1.4	.3	915	5.2	4.0	1.6	919

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.9	3.8	.1	846	7.4	3.4	.1	846	2.6	.7		846	2.0	.4		846
CATEGORY B	8.9	6.0	2.7	897	9.3	6.4	2.1	893	3.8	2.3	.3	902	2.6	1.1	.4	909

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.6	2.2	.1	4230	3.5	1.6	.0	6768
CATEGORY B	5.8	4.0	1.4	4526	4.5	3.0	1.1	7223

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4	.3	.1	930	.9	.4		930	1.3	.3		930	3.0	.5		930
CATEGORY B	.5	.3	.1	1019	.8	.6	.2	1024	1.5	.7		1048	3.7	2.6	.4	1005

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.5	1.0		930	4.4	.9		928	.6	.2		927	.1	.1		927
CATEGORY B	6.0	3.6	.4	995	6.0	3.1	.3	989	1.4	.6	.1	991	.4	.2		1005

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.8	.6		4645	1.9	.5	.0	7432
CATEGORY B	3.7	2.1	.2	5028	2.5	1.4	.2	8076

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			900	.3			900	1.0	.4		900	4.0	2.0		900
CATEGORY B	.6	.3		977	.6	.3		980	1.4	1.0	.2	984	4.2	3.7	1.1	952

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.8	1.6	.2	900	4.3	.8		900	1.0	.2		900	.9			900
CATEGORY B	5.7	3.6	.4	933	5.7	3.0	.4	927	1.8	.7		921	1.2	.8		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.8	1.0	.0	4500	1.9	.6	.0	7200
CATEGORY B	3.8	2.4	.4	4717	2.6	1.7	.3	7604



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.1			930				930	.2			930	1.1	.2		930
CATEGORY B	.1	.1		980				1009	.2	.2		1009	1.3	.9		975

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9	.2		930	1.8	.1		930	.2			930				930
CATEGORY B	3.5	1.1		951	4.3	.6		948	.3			942				956

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8	.1		4650	.5	.1		7440
CATEGORY B	1.9	.6		4825	1.2	.4		7770

G - 2 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866 STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				900				900				900	.6	.2		900
CATEGORY B	.2	.1		939	.1			986				966	.6	.5		958

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9	.2		900	.8	.3		900	.3	.1		900	.2			900
CATEGORY B	1.5	.3	.1	934	1.4	.6	.3	908	.6	.2	.1	904	.3	.1		920

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5	.2		4500	.3	.1		7200
CATEGORY B	.8	.3	.1	4670	.6	.2	.1	7515

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B				950				980				987	.2	.1		968

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			930	.3			930	.1			930				930
CATEGORY B	.8	.1		953	1.1			931	.1			935				942

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			4650	.1			7440
CATEGORY B	.4	.0		4774	.3	.0		7646

G - 2 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				930				930				930				930
CATEGORY B				944				971				968				958

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				930	.2			930				930				930
CATEGORY B	.7	.1		943	.9	.1		932	.1			933				932

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.0			4650	.0			7440
CATEGORY B	.3	.0		4734	.2	.0		7581

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				900				900				900	.3			900
CATEGORY B				948				963				975	.7	.1		949

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7			900	.1			900				900				900
CATEGORY B	1.5	.4		920	1.0	.3		914	.1	.1	.1	913				916

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			4500	.1			7200
CATEGORY B	.7	.2	.0	4671	.4	.1	.0	7498

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.1			930	.5	.1		930	.8			930	1.8	.4		930
CATEGORY B	.2	.1		1023	1.0	.6		1047	.8	.4		1076	2.1	1.8	.2	1027

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.7	1.0		930	3.4	.9		930	.3	.1		930	.1			930
CATEGORY B	4.6	2.9	.3	976	5.4	2.7	.2	986	1.3	.5		970	.4	.1		984

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.0	.5		4650	1.3	.3		7440
CATEGORY B	2.8	1.6	.1	5035	2.0	1.1	.1	8089

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.3		900	2.0	.9		900	2.2	1.3	.1	900	3.4	1.9		900
CATEGORY B	2.3	1.1	.2	945	2.2	1.5	.5	951	2.6	2.0	.8	968	4.2	3.2	1.6	954

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.6	2.9	.2	900	4.7	1.3	.1	900	1.3	.2		900	1.4	.4		900
CATEGORY B	5.7	4.2	1.7	929	6.1	3.3	1.3	923	1.7	.8	.2	924	2.1	1.1	.3	935

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.2	1.5	.1	4500	2.7	1.2	.1	7200
CATEGORY B	4.0	2.7	1.1	4698	3.4	2.1	.8	7529

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.9		930	3.2	1.1	.1	930	2.9	1.1	.1	930	4.2	1.4		930
CATEGORY B	3.2	2.6	.3	963	3.9	2.7	.6	951	3.2	2.2	.7	967	4.6	3.5	.7	958

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.5	2.7	.1	930	7.1	2.6	.1	930	3.0	.8		930	2.3	.9	.1	930
CATEGORY B	8.3	5.0	2.7	956	8.6	5.6	1.6	958	3.6	1.7	.8	969	3.2	2.2	.5	964

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.7	1.7	.1	4650	4.0	1.4	.1	7440
CATEGORY B	5.6	3.6	1.3	4808	4.8	3.2	1.0	7686



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 057-237

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: APR 80 - MAR 90  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9	.4	.0	10956	1.0	.4	.0	10956	1.1	.5	.0	10956	2.2	.9	.0	10956
CATEGORY B	1.1	.7	.2	11568	1.1	.8	.2	11740	1.3	.9	.3	11856	2.7	2.1	.6	11610

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.2	1.4	.1	10956	3.6	1.1	.0	10954	1.1	.3		10953	.8	.2	.0	10953
CATEGORY B	4.6	2.8	.8	11365	5.0	2.7	.7	11281	1.7	.8	.2	11281	1.2	.7	.2	11375

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.3	.8	.0	54775	1.7	.6	.0	87640
CATEGORY B	3.0	1.9	.5	57393	2.3	1.4	.4	92076



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA

PERIOD OF RECORD: JAN 44 - MAR 90

LST TO UTC: + 8

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1944	412	419	247	198	36	32			4	20	268	333	1969
1945	392	326	383	178	67	9			1	27	250	394	2027
1946	404	361	274	78	61					95	288	345	1906
1947	439	229	194	107	28	3				47	311	434	1792
1948	339	429	451	192	81	12			5	63	243	541	2356
1949	724	441	350	98	70					95	78	435	2291
1950	555	233	228	80	96	9				12	142	224	1579
1951	424	342	241	141	66	3				47	213	479	1956
1952	495	319	387	147	7	11			3	18	327	447	2161
1953	294	320	268	220	122	21			1	61	162	389	1858
1954	462	176	367	106	29	16				67	124	422	1769
1955	502	358	225	178	94	12			1	72	231	387	2060
1956	364	463	222	196	47					107	204	350	1953
1957	503	220	228	153	98	6				67	304	324	1903
1958	362	241	353	145	17				1	15	212	249	1595
1959	313	358	117	34	38					18	113	334	1325
1960	488	353	171	97	57					44	258	387	1855
1961	299	226	279	101	55	5			3	76	263	389	1696
1962	380	352	378	60	96	18				35	193	332	1844
1963	472	125	297	219	26	8			2	16	213	356	1734
1964	479	392	354	248	127	19			2	29	334	445	2429
1965	395	347	307	219	93	44			5	15	195	386	2006
1966	446	397	246	84	39	7				30	221	365	1835
1967	396	260	313	425	118	57				5	116	501	2191
1968	428	224	224	135	53	16			3	19	163	469	1734
1969	298	356	314	153	62	19				63	170	361	1796

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1970	415	179	242	222	37	10			53	165	432	1755
1973	494	315	401	178	37	4			32	327	425	2213
1974	485	376	310	182	75	5			76	208	437	2154
1975	411	377	399	365	119	18			113	233	354	2389
1976	323	312	315	274	66	15	1		38	146	280	1770
1977	370	210	437	186	222	11		4	44	110	298	1892
1978	399	358	259	246	63				17	299	479	2120
1979	539	409	343	143	33				34	223	283	2007
1980	288	208	309	137	142	18			38	139	202	1481
1981	251	197	256	95	19				35	140	341	1334
1982	492	284	334	167	54	15		11	39	300	468	2164
1983	375	288	264	225	70	11		9	7	212	310	1771
1984	289	245	138	117	6				48	241	397	1481
1985	410	293	291	59	20	6		8	23	272	267	1649
1986	159	217	150	78	24			16	20	70	275	1009
1987	428	309	331	66	16				18	201	459	1828
1988	371	220	126	80	24	2		5	7	190	375	1400
1989	443	380	172	47	20			3	36	121	296	1518
1990	359	331	158									848
.....												
MEAN	408	306	281	155	62	10	0	1	41	208	374	
SD	94.47	81.12	83.69	80.60	42.85	11.86	.15	3.43	27.60	69.80	77.16	
****SPL 30YR SUMMATION (1951 -1980)****												
MEAN	411	306	296	178	72	12	0	0	44	209	377	
SD	74.65	84.05	74.71	84.50	46.59	13.00	.19	1.45	27.80	66.49	73.53	

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722866

STATION NAME: NORTON AFB/SAN BERNARDINO CA  
LST TO UTC: + 8

PERIOD OF RECORD: JAN 44 - MAR 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1944			2	2	58	88	258	405	282	60			1155
1945			4	21	26	134	400	446	331	92	16		1470
1946				57	38	249	408	424	344	34			1554
1947			7	52	117	177	413	355	365	61			1547
1948				13	53	153	317	321	317	103			1277
1949				49	77	253	355	367	332	65	50		1548
1950			7	33	43	171	425	350	210	168	42		1449
1951		1	2	15	78	162	441	379	313	95	4		1490
1952			3	20	129	94	426	448	381	147	4		1652
1953		1	2	4	15	157	455	346	289	112	9		1390
1954	1	5		29	59	155	500	315	278	87	7		1436
1955			6	7	60	174	335	510	350	72	18		1532
1956			2	24	70	248	382	314	390	35	25		1490
1957		11	5	14	37	298	463	422	271	30			1551
1958				49	145	207	362	472	366	214	5	3	1823
1959			5	77	46	304	548	429	266	141	7		1823
1960			8	50	118	286	497	407	391	86	1		1844
1961				53	22	302	446	473	228	134	4		1662
1962	11			84	60	197	349	464	322	74	16		1577
1963		18	1	4	50	139	374	412	385	124	12		1519
1964			1	14	39	131	401	379	187	193			1345
1965				68	56	56	312	440	152	190	8		1282
1966			13	43	76	241	376	453	274	86	15		1577
1967					84	110	446	556	341	167	33		1737
1968		11	5	23	80	202	468	394	284	83	17		1567
1969	3		6	4	119	91	392	507	378	36	20		1556

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1970		2		6	116	242	503	513	244	52	8	1686
1973				6	103	328	356	414	174	101	3	1485
1974				7	59	243	380	353	370	95	10	1517
1975					72	130	386	353	330	73	13	1357
1976	1		2	3	63	233	303	208	167	94	38	1112
1977		5		5	12	177	424	413	202	175	17	1430
1978					94	259	448	418	413	225	15	1872
1979				6	132	352	420	376	459	104	5	1854
1980				29	32	199	493	338	237	145	18	1499
1981		13		46	111	436	460	553	369	86	22	2096
1982				6	56	65	425	497	311	90		1450
1983					99	160	388	509	451	135	14	1756
1984	2		10	57	282	288	568	546	515	71	5	2344
1985				62	89	342	530	413	193	109	15	1753
1986	4	18	23	42	153	342	386	535	172	100	21	1796
1987				111	177	288	286	389	386	174	1	1812
1988			52	76	207	302	595	436	317	228	15	2229
1989		2	11	148	141	266	474	333	319	99	17	1811
1990			23									23

MEAN	0	1	4	32	85	214	417	417	310	110	12	0
SD	1.79	4.65	9.07	32.91	53.25	86.88	73.79	74.59	84.20	51.75	11.76	1.47

\*\*\*\*SPL 30YR SUMMATION (1951 -1980)\*\*\*\*

MEAN	0	1	2	23	72	204	417	410	301	113	11	0
SD	2.13	4.38	3.19	24.68	36.28	77.29	61.83	73.28	82.30	53.42	9.57	1.81

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A W S CLIMATIC BRIEF NOV 90	STATION NAME: NORTON AFB CA LATITUDE/LONGITUDE: 34 06 N 117 14 W HOURLY OBS POR: APR 80 - MAR 90 SUMMARY OF DAY POR: MAY 43-MAR 90 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +08											FIELD ELEV: 1157 FT STATION MSC: 722866 CALL SIGN: KSB SUPERSEDES: APR 86			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	91	93	99	102	111	113	112	112	113	109	96	88	113	48
	MEAN MAX TEMP (F)	64	66	68	73	79	86	95	94	90	81	72	65	78	48
	MEAN TEMP (F)	51	54	56	60	65	71	78	78	75	67	58	52	64	48
	MEAN MIN TEMP (F)	39	41	43	47	52	56	61	61	59	52	44	39	49	48
	EXTRM MIN TEMP (F)	20	25	26	32	34	40	47	46	42	31	27	24	20	48
	D/W TEMP GE 100 (F)	0	0	0	#	1	2	6	6	5	1	0	0	21	48
	D/W TEMP GE 90 (F)	#	#	1	2	5	13	26	24	17	7	1	0	96	48
	D/W TEMP LT 40 (F)	18	12	8	3	1	0	0	0	0	1	7	16	66	48
	D/W TEMP LT 33 (F)	5	2	1	#	0	0	0	0	0	#	1	3	12	48
	HEATING DEGREE DAYS	408	306	281	155	62	10	0	#	1	41	208	374	1846	47
	COOLING DEGREE DAYS	#	1	4	32	85	214	417	417	310	110	12	#	1602	47
	MEAN DEWPOINT TEMP (F)	32	36	41	44	49	53	56	57	54	47	37	33	45	10
	MEAN WET BULB TEMP (F)	43	45	49	52	56	61	64	64	61	56	48	43	54	10
	99.95% WCPA (FT)	1350	1350	1400	1350	1350	1350	1300	1350	1350	1350	1350	1350	1400	10
	MEAN REL HUM 07 LST(%)	63.2	66.1	71.0	68.0	69.9	68.8	64.7	66.8	65.1	66.4	61.9	62.5	66.2	10
	MEAN REL HUM 13 LST(%)	36.6	38.6	44.2	38.3	39.5	36.7	29.8	32.2	35.0	36.5	36.8	36.9	36.7	10
	MAX 24HR PRECIP (IN)	4.03	2.30	2.22	1.58	1.54	.48	.34	1.86	3.31	1.59	3.79	3.93	4.03	48
	MAX PRECIP (IN)	11.23	10.46	8.11	4.79	2.52	.65	.42	2.24	3.86	3.00	8.01	7.75	28.79	48
	MEAN PRECIP (IN)	2.44	2.23	2.08	1.13	.37	.06	.05	.16	.37	.49	1.47	1.89	12.72	48
	MIN PRECIP (IN)	.00	.00	#	#	#	.00	.00	.00	.00	.00	.00	.00	3.20	48
	D/W PRECIP GE .01 (IN)	6	5	7	4	2	1	1	1	1	2	4	5	39	48
	D/W PRECIP GT .50 (IN)	2	2	1	1	1	0	0	#	1	1	1	1	11	48
	MAX 24HR SNFL (IN)	6.5	#	.6	#	0	0	0	0	0	#	#	2.0	6.5	48
	MAX SNFL (IN)	7.9	#	.6	#	0	0	0	0	0	#	#	2.0	7.9	48
	MEAN SNFL (IN)	.3	#	#	#	0	0	0	0	0	#	#	#	.3	48
	D/W SNFL GE .1 (IN)	#	0	#	0	0	0	0	0	0	0	0	#	#	48
	D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	#	#	48
	MAX DLY SNO DEPTH (IN)	3	#	#	0	0	0	0	0	0	0	0	#	3	48
	PRVLNG WND DIR (DEG)	\$05-07	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$05-07	\$23-25	10
	MEAN WND SPD (KTS)	3	3	3	3	3	3	3	3	3	2	2	2	3	10
	MAX WND SPD (KTS)	69	55	47	47	40	48	39	56	60	57	52	64	69	48
	SKY COVER GT 5/10 (%)	40.1	46.8	49.2	43.3	44.0	29.5	17.2	18.2	28.5	35.6	37.6	39.6	35.7	10
	D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	48
	D/W FOG (VSBY LT 7 MI)	8	9	13	12	15	14	8	10	11	13	8	7	128	48
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	14.0	16.1	22.7	16.6	26.0	20.4	4.0	6.3	15.7	26.8	19.8	11.6	16.7	10
	03 - 05	13.4	18.4	23.1	24.4	39.7	37.1	11.4	14.1	23.7	31.9	19.6	11.1	22.3	10
	06 - 08	12.8	19.6	23.5	29.9	44.1	50.1	25.9	25.5	27.3	31.9	19.9	10.8	26.8	10
	09 - 11	10.4	15.6	17.2	18.7	30.5	35.1	17.5	17.3	18.6	25.1	16.3	9.0	19.3	10
	12 - 14	8.5	9.7	11.9	11.1	13.2	15.7	4.0	4.2	7.4	14.6	12.6	6.8	10.0	10
	15 - 17	9.4	9.8	9.6	6.8	4.3	3.9	.3	1.0	2.9	14.3	12.4	8.1	6.9	10
	18 - 20	10.2	9.8	10.6	5.1	4.4	2.3	.3	.8	3.4	12.7	12.8	9.0	6.8	10
	21 - 23	11.3	13.5	16.1	8.4	9.9	6.2	.8	1.8	7.8	16.8	17.1	9.9	10.0	10
	ALL	11.2	14.1	16.8	15.1	21.5	21.4	8.0	8.9	13.3	21.8	16.3	9.5	14.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	8.3	10.4	11.8	10.4	13.1	11.1	2.3	2.8	10.7	21.2	14.0	5.8	10.2	10
	03 - 05	7.2	9.8	12.4	15.1	27.4	29.6	10.0	10.1	17.6	25.4	13.3	5.9	15.3	10
	06 - 08	8.6	12.5	16.3	21.6	34.5	42.4	23.9	22.6	21.9	27.7	15.0	8.1	21.3	10
	09 - 11	8.1	10.2	13.8	15.4	25.7	30.0	17.0	15.9	15.3	21.6	13.2	6.7	16.1	10
	12 - 14	6.0	6.5	9.1	9.8	12.8	13.9	3.9	4.0	6.6	14.0	9.9	4.3	8.4	10
	15 - 17	6.8	6.6	7.3	5.8	4.2	3.0	.3	1.0	2.3	14.0	10.4	5.3	5.6	10
	18 - 20	6.5	6.4	6.1	4.2	3.3	1.2	.2	.6	2.8	12.2	9.3	4.2	4.7	10
	21 - 23	6.2	7.4	7.4	4.2	4.2	2.4	.4	.2	4.7	13.0	11.4	4.5	5.5	10
	ALL	7.2	8.7	10.5	10.8	15.7	16.7	7.2	7.2	10.2	18.6	12.1	5.6	10.9	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	3.8	5.0	5.8	4.4	4.1	1.1	.5	.4	2.7	9.7	7.0	2.9	3.9	10
	03 - 05	4.3	5.6	7.8	9.2	15.1	12.0	4.1	2.4	7.9	13.4	7.2	2.8	7.6	10
	06 - 08	5.3	6.4	8.1	12.8	19.9	18.2	7.6	7.7	10.8	16.2	8.4	4.1	10.5	10
	09 - 11	4.8	5.1	5.8	6.6	8.9	7.7	1.4	2.4	4.1	10.4	7.0	3.0	5.6	10
	12 - 14	3.9	2.6	3.7	2.0	2.0	2.2	.0	.2	.4	6.6	4.1	1.6	2.4	10
	15 - 17	3.4	2.5	2.3	.8	.8	.0	.0	.2	.0	5.1	4.4	1.7	1.8	10
	18 - 20	4.2	2.7	1.7	.4	.6	.0	.0	.1	.8	5.3	3.4	2.4	1.8	10
	21 - 23	4.3	3.5	3.1	1.2	.4	.2	.1	.0	.9	6.0	5.1	2.3	2.3	10
	ALL	4.2	4.2	4.8	4.7	6.5	5.2	1.7	1.7	3.4	9.1	5.8	2.6	4.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.4	.1	.4	.1	.0	.0	.0	.0	.0	.5	.7	.0	.2	10
	03 - 05	1.2	.4	1.2	1.0	.2	.2	.0	.0	.3	3.2	1.9	.3	.8	10
	06 - 08	1.9	1.4	1.4	2.0	.8	.0	.0	.0	.9	4.6	1.9	.5	1.3	10
	09 - 11	1.8	.5	.3	.1	.1	.0	.0	.0	.0	.6	.4	.4	.3	10
	12 - 14	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	18 - 20	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 23	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.8	.3	.4	.4	.1	.0	.0	.0	.2	1.1	.6	.2	.3	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

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